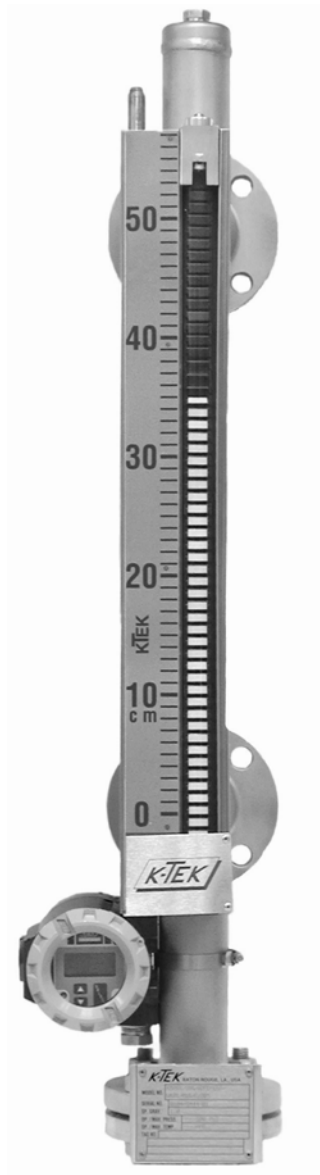




**KM26**

**Magnetic Liquid Level Gauge  
CONFIGURATION GUIDE**



KM26-0202-1, REV C (07/03)

# KM26 Magnetic Level Gauge Configuration Guide



To order or request a quotation for KM26 Magnetic Level Gauges, use the following Configuration Guide to select the model number. This information is necessary to design the float and Magnetic Level Gauge (MLG) to meet the specific needs of a customer's application. Requests are also available on K-TEK's website (www.ktekcorp.com).

## Required Information

- 1) Is the Magnetic Level Gauge for:
  - A) Total Level      B) Interface Level      C) Total and Interface Level
  
- 2) If the answer to question 1 is "A", enter:
  - A) The name of the fluid in the MLG \_\_\_\_\_
  - B) Its Specific Gravity at operating conditions \_\_\_\_\_
  - C) Minimum Specific Gravity \_\_\_\_\_
  
- 3) If the answer to 1 is "B" or "C", enter:
  - A) Upper fluid \_\_\_\_\_
  - B) Upper fluid specific gravity at operating conditions \_\_\_\_\_ Range \_\_\_\_\_
  - C) Lower fluid \_\_\_\_\_
  - D) Lower fluid specific gravity at operating conditions \_\_\_\_\_ Range \_\_\_\_\_
  
- 4) Operating Pressure \_\_\_\_\_ Maximum Pressure \_\_\_\_\_
  
- 5) Operating Temperature \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 If cryogenic application: Minimum Temperature \_\_\_\_\_
  
- 6) **NEW QuikShip Program:** K-TEK can provide KM26S Magnetic Level Gauges in sixteen (16) different "custom" configurations ready for shipment within **15 working days ARO**. These custom configurations can be supplied with a measuring length up to 18 feet (216") with transmitter and switch accessories.

Use the QuikShip chart below to select the model that best fits your application, then specify accessories (indicator type, transmitter, switches, etc) on the applicable QS drawing(s) that have been provided in the subsequent pages.

### KM26 QuikShip Selection Matrix

		Process Connection, Pressure Class, & Minimum Specific Gravity							
		Flange				MNPT Nipple			
		Flange	150#		300#		150#		300#
Specific Gravity	≥ 0.70	≥ 0.50	≥ 0.80	≥ 0.52	≥ 0.70	≥ 0.50	≥ 0.80	≥ 0.52	
Chamber Material	304SS	QS1	QS3	QS5	QS7	QS9	QS11	QS13	QS15
	316SS	QS2	QS4	QS6	QS8	QS10	QS12	QS14	QS16

#### Example:

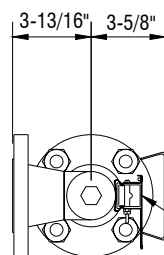
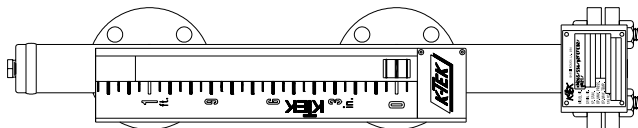
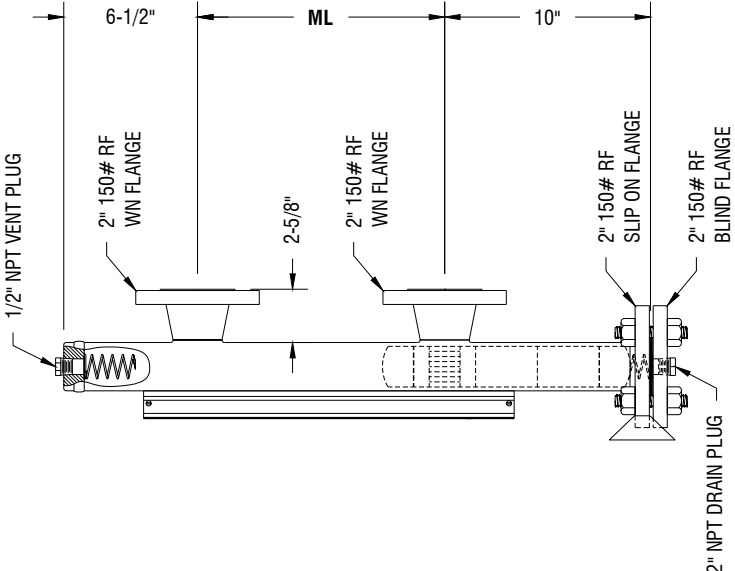
*Application Requirements:* Total level, Oil, Min SG of 0.6, Flange Process Connections, 150# / 300°F operating pressure/temperature, customer requests 316SS  
*KTEK Recommended QS Model:* QS4

#### Very Important:

QuikShip drawings are available in this document and on K-TEK's website (www.ktekcorp.com) and should be completed via fax (225-673-2525) or email (sales@ktekcorp.com) for immediate processing.

# KM26 QuikShip Drawing #1

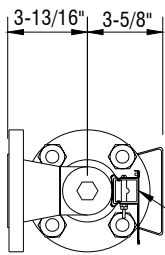


<p><b>DWG NO. KM26QS1</b></p>	<p><b>SCALE ASSEMBLY CAN BE ROTATED AS REQUIRED</b></p>  <p><b>TOP VIEW</b></p>	<p><b>SPECIFY EACH OF THE FOLLOWING:</b></p> <p>_____ = MEASURING LENGTH (ML); (18-0" Max.)</p> <p>_____ = OPERATING SPECIFIC GRAVITY (0.70 Min.)</p> <p>_____ = OPERATING TEMPERATURE (°F)</p> <p>_____ = OPERATING PRESSURE (PSIG)</p> <p>_____ = TAG NO.</p> <p>_____ = FLUID TYPE</p> <p><b>MAX TEMP/PRESS. LIMITS:</b>                  275 PSIG @ 100°F                  235 PSIG @ 200°F                  215 PSIG @ 300°F</p>	<p><b>INDICATOR TYPE (WITH GLASS TUBE):</b></p> <p>_____ FLUORESCENT ORANGE SHUTTLE (STD.)</p> <p>_____ YELLOW / BLACK MAGNETIC BAR GRAPH</p> <p>_____ RED / WHITE MAGNETIC BAR GRAPH</p> <p><b>SCALE / RULER INDICATION:</b></p> <p>_____ FEET / INCHES WITH 1/2" DIVISIONS (STD.)</p> <p>_____ METERS / CENTIMETERS WITH 1 CM DIVISIONS</p> <p><b>ACCESSORIES:</b></p> <p><b>TRANSMITTER:</b></p> <p>_____ AT200 or _____ AT600 (16 foot maximum ML on AT600)</p> <p>Check transmitter options (available for AT200 or AT600):</p> <p>_____ BOTTOM or _____ TOP CONNECTED ELECTRONIC HOUSING</p> <p>_____ FACTORY MUTUAL/CSA or _____ CENELEC APPROVAL</p> <p>Check additional transmitter options for AT200 only:</p> <p>_____ LCD INDICATOR</p> <p>_____ HART or _____ HONEYWELL DE or _____ FOUNDATION FIELDBUS</p> <p><b>SWITCH (SPECIFY QTY)</b></p> <p>_____ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)</p> <p>_____ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-41/S/F7X (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)</p> <p>_____ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)</p>
<p><b>PROCESS CONDITIONS:</b></p> <p>- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)</p> <p>- MIN. SPECIFIC GRAVITY: 0.70</p> <p><b>MATERIAL SPECIFICATIONS:</b></p> <p>- CHAMBER &amp; FLANGES: 2" SCH 10 SA-312 TP 304 SS CHAMBER, SA-182 F304 SS RF FLANGES</p> <p>- FLOAT MATERIAL TYPE: 316 SS</p> <p>- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED</p> <p>- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT</p> <p>- SCALE ASSEMBLY: 316 SS CHANNEL, RULER &amp; CLAMPS</p>	 <p><b>FRONT VIEW</b></p>	 <p><b>SIDE VIEW</b></p>	<p><b>INDICATOR TYPE (WITH GLASS TUBE):</b></p> <p>_____ FLUORESCENT ORANGE SHUTTLE (STD.)</p> <p>_____ YELLOW / BLACK MAGNETIC BAR GRAPH</p> <p>_____ RED / WHITE MAGNETIC BAR GRAPH</p> <p><b>SCALE / RULER INDICATION:</b></p> <p>_____ FEET / INCHES WITH 1/2" DIVISIONS (STD.)</p> <p>_____ METERS / CENTIMETERS WITH 1 CM DIVISIONS</p> <p><b>ACCESSORIES:</b></p> <p><b>TRANSMITTER:</b></p> <p>_____ AT200 or _____ AT600 (16 foot maximum ML on AT600)</p> <p>Check transmitter options (available for AT200 or AT600):</p> <p>_____ BOTTOM or _____ TOP CONNECTED ELECTRONIC HOUSING</p> <p>_____ FACTORY MUTUAL/CSA or _____ CENELEC APPROVAL</p> <p>Check additional transmitter options for AT200 only:</p> <p>_____ LCD INDICATOR</p> <p>_____ HART or _____ HONEYWELL DE or _____ FOUNDATION FIELDBUS</p> <p><b>SWITCH (SPECIFY QTY)</b></p> <p>_____ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)</p> <p>_____ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-41/S/F7X (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)</p> <p>_____ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)</p>

# KM26 QuikShip Drawing #2

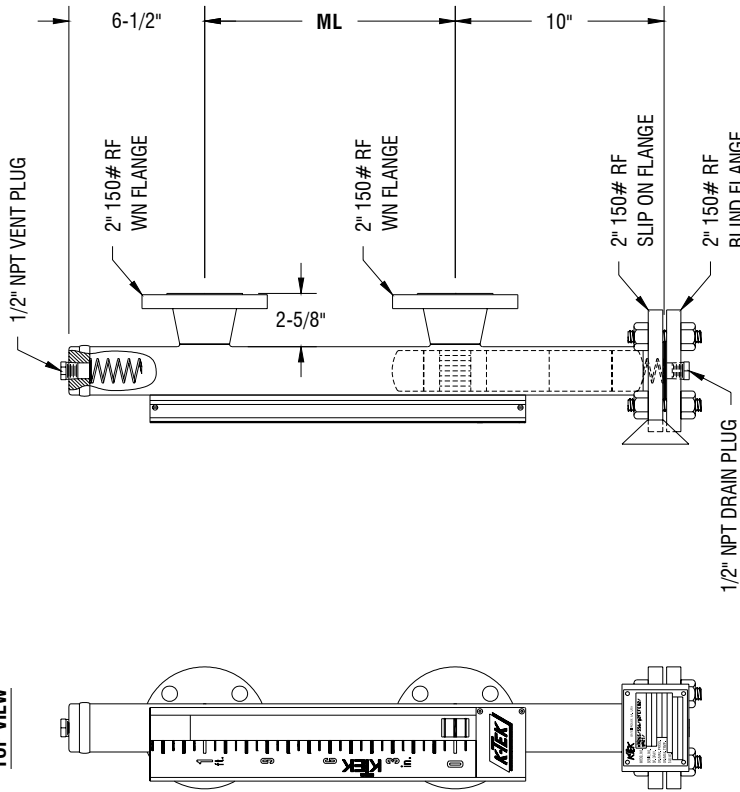


DWG NO. KM26QS2



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



FRONT VIEW

SIDE VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.70 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**

- 275 PSIG @ 100°F
- 235 PSIG @ 200°F
- 215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**
- \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
  - \_\_\_\_\_ FACTORY MUTUAL/GSA or \_\_\_\_\_ GENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
  - \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F7/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.70

**MATERIAL SPECIFICATIONS:**

- CHAMBER & FLANGES: 2" SCH 10 SA-312 TP 316 SS CHAMBER, SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: 316 SS
- STUDS: A193-B7, NUTS: A194-2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



K-TEK LLC  
18321 SWAMP ROAD  
PRAIRIEVILLE, LA 70769 USA

DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 2

CUSTOMER:

K-TEK JOB NO.:

DRAWING NO.:  
KM26QS2

# KM26 QuikShip Drawing #3

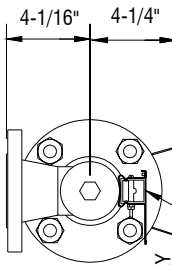


<p><b>DWG NO. KM26QS3</b></p>	<p>SCALE ASSEMBLY CAN BE ROTATED AS REQUIRED</p> <p><b>TOP VIEW</b></p>	<p><b>SPECIFY EACH OF THE FOLLOWING:</b></p> <p>_____ = MEASURING LENGTH (ML); (18-0" Max.)</p> <p>_____ = OPERATING SPECIFIC GRAVITY (0.50 Min.)</p> <p>_____ = OPERATING TEMPERATURE (°F)</p> <p>_____ = OPERATING PRESSURE (PSIG)</p> <p>_____ = TAG NO.</p> <p>_____ = FLUID TYPE</p> <p><b>MAX TEMP/PRESS. LIMITS:</b>                  275 PSIG @ 100°F                  235 PSIG @ 200°F                  215 PSIG @ 300°F</p>	<p><b>INDICATOR TYPE (WITH GLASS TUBE):</b></p> <p>_____ FLUORESCENT ORANGE SHUTTLE (STD.)</p> <p>_____ YELLOW / BLACK MAGNETIC BAR GRAPH</p> <p>_____ RED / WHITE MAGNETIC BAR GRAPH</p> <p><b>SCALE / RULER INDICATION:</b></p> <p>_____ FEET / INCHES WITH 1/2" DIVISIONS (STD.)</p> <p>_____ METERS / CENTIMETERS WITH 1 CM DIVISIONS</p> <p><b>ACCESSORIES:</b></p> <p><b>TRANSMITTER:</b></p> <p>_____ AT200 or _____ AT600 (16 foot maximum ML on AT600)</p> <p>Check transmitter options (available for AT200 or AT600):</p> <p>_____ BOTTOM or _____ TOP CONNECTED ELECTRONIC HOUSING</p> <p>_____ FACTORY MUTUAL/CSA or _____ CENELEC APPROVAL</p> <p>Check additional transmitter options for AT200 only:</p> <p>_____ LCD INDICATOR</p> <p>_____ HART or _____ HONEYWELL DE or _____ FOUNDATION FIELDBUS</p> <p><b>SWITCH (SPECIFY QTY)</b></p> <p>_____ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)</p> <p>_____ MS-30EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ MS-40EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-41S/F/X (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)</p> <p>_____ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)</p>
<p><b>FRONT VIEW</b></p>	<p><b>SIDE VIEW</b></p>	<p><b>PROCESS CONDITIONS:</b></p> <ul style="list-style-type: none"> <li>- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)</li> <li>- MIN. SPECIFIC GRAVITY: 0.50</li> </ul> <p><b>MATERIAL SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>- CHAMBER &amp; FLANGES: 2-1/2" SCH 10 SA-312 TP 304 SS CHAMBER, SA-182 F304 SS RF FLANGES</li> <li>- FLOAT MATERIAL TYPE: GRADE 2 TITANIUM</li> <li>- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED</li> <li>- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT</li> <li>- SCALE ASSEMBLY: 316 SS CHANNEL, RULER &amp; CLAMPS</li> </ul>	<p><b>K-TEK</b></p> <p>K-TEK LLC                  18321 SWAMP ROAD                  PRAIRIEVILLE, LA 70769 USA</p> <p><b>DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 3</b></p> <p>CUSTOMER:</p> <p>K-TEK JOB NO.:</p> <p>DRAWING NO.:                  KM26QS3</p>

# KM26 QuikShip Drawing #4

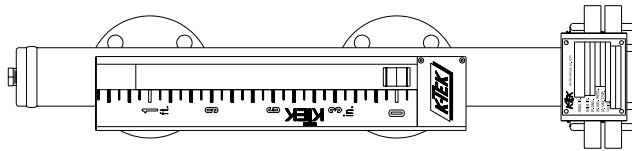


**DWG NO. KM26QS4**

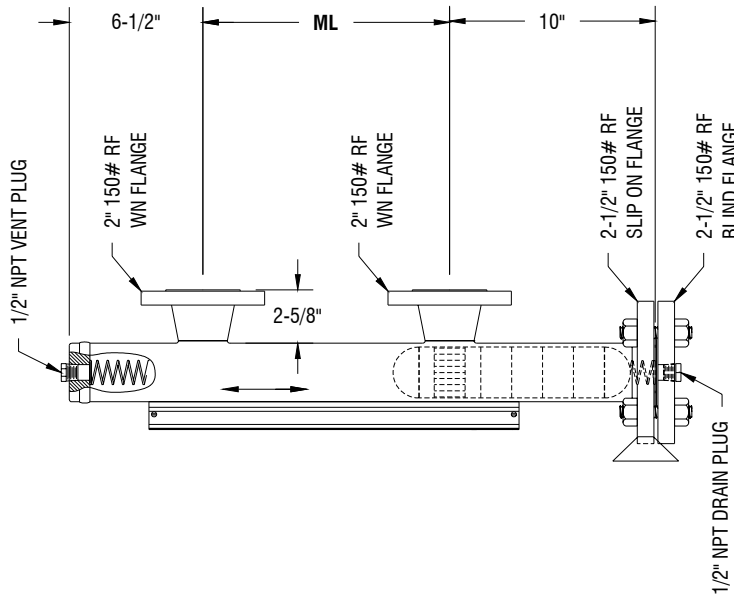


SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

**TOP VIEW**



**FRONT VIEW**



**SIDE VIEW**

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18"-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.50 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)

- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**

- 275 PSIG @ 100°F
- 235 PSIG @ 200°F
- 215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/CSA or GENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or HONEYWELL DE or FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/SF7X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**  
 - LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)  
 - MIN. SPECIFIC GRAVITY: 0.50

**MATERIAL SPECIFICATIONS:**  
 - CHAMBER & FLANGES: 2-1/2" SCH 10 SA-312 TP 316 SS CHAMBER, SA-182 F316 SS RF FLANGES  
 - FLOAT MATERIAL TYPE: GRADE 2 TITANIUM  
 - STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED  
 - GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT  
 - SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS

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 18321 SWAMP ROAD  
 PRAIRIEVILLE, LA 70769 USA

DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 4

CUSTOMER:

K-TEK JOB NO.:  
 DRAWING NO.:  
 KM26QS4

# KM26 QuikShip Drawing #5

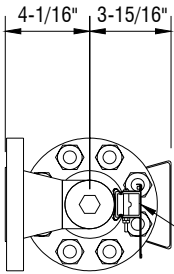


<p><b>DWG NO. KM26QS5</b></p>	<p><b>SPECIFY EACH OF THE FOLLOWING:</b></p> <p>_____ = MEASURING LENGTH (ML); (18-0" Max.)</p> <p>_____ = OPERATING SPECIFIC GRAVITY (0.80 Min.)</p> <p>_____ = OPERATING TEMPERATURE (°F)</p> <p>_____ = OPERATING PRESSURE (PSIG)</p> <p>_____ = TAG NO.</p> <p>_____ = FLUID TYPE</p> <p><b>MAX TEMP/PRESS. LIMITS:</b>                  720 PSIG @ 100°F                  620 PSIG @ 200°F                  560 PSIG @ 300°F</p>
<p><b>INDICATOR TYPE (WITH GLASS TUBE):</b></p> <p>_____ FLUORESCENT ORANGE SHUTTLE (STD.)</p> <p>_____ YELLOW / BLACK MAGNETIC BAR GRAPH</p> <p>_____ RED / WHITE MAGNETIC BAR GRAPH</p> <p><b>SCALE / RULER INDICATION:</b></p> <p>_____ FEET / INCHES WITH 1/2" DIVISIONS (STD.)</p> <p>_____ METERS / CENTIMETERS WITH 1 CM DIVISIONS</p>	<p><b>ACCESSORIES:</b></p> <p><b>TRANSMITTER:</b></p> <p>_____ AT200 or _____ AT600 (16 foot maximum ML on AT600)</p> <p>Check transmitter options (available for AT200 or AT600):</p> <p>_____ BOTTOM or _____ TOP CONNECTED ELECTRONIC HOUSING</p> <p>_____ FACTORY MUTUAL/CSA or _____ CENELEC APPROVAL</p> <p>Check additional transmitter options for AT200 only:</p> <p>_____ LCD INDICATOR</p> <p>_____ HART or _____ HONEYWELL DE or _____ FOUNDATION FIELDBUS</p> <p><b>SWITCH (SPECIFY QTY)</b></p> <p>_____ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)</p> <p>_____ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)</p> <p>_____ MS-41/S/F7/X (10 AMP, DPDT, NEMA 4X HOUSING)</p> <p>_____ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)</p> <p>_____ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)</p>
<p><b>INDICATOR TYPE (WITH GLASS TUBE):</b></p> <p>_____ FLUORESCENT ORANGE SHUTTLE (STD.)</p> <p>_____ YELLOW / BLACK MAGNETIC BAR GRAPH</p> <p>_____ RED / WHITE MAGNETIC BAR GRAPH</p> <p><b>SCALE / RULER INDICATION:</b></p> <p>_____ FEET / INCHES WITH 1/2" DIVISIONS (STD.)</p> <p>_____ METERS / CENTIMETERS WITH 1 CM DIVISIONS</p>	<p><b>PROCESS CONDITIONS:</b></p> <ul style="list-style-type: none"> <li>- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)</li> <li>- MIN. SPECIFIC GRAVITY: 0.80</li> </ul> <p><b>MATERIAL SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>- CHAMBER &amp; FLANGES: 2" SCH-10 SA-312 TP 304 SS CHAMBER, SA-182 F304 SS RF FLANGES</li> <li>- FLOAT MATERIAL TYPE: 316 SS</li> <li>- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED</li> <li>- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT</li> <li>- SCALE ASSEMBLY: 316 SS CHANNEL, RULER &amp; CLAMPS</li> </ul>
<p><b>TOP VIEW</b></p> <p>SCALE ASSEMBLY CAN BE ROTATED AS REQUIRED</p>	<p><b>FRONT VIEW</b></p> <p><b>SIDE VIEW</b></p>
<p><b>K-TEK</b></p> <p>K-TEK LLC                  18321 SWAMP ROAD                  PRAIRIEVILLE, LA 70769 USA</p>	<p><b>CUSTOMER:</b></p> <p>DIMENSIONAL DRAWING FOR KM26S MILG QUIKSHIP FIGURE 5</p> <p><b>K-TEK JOB NO.:</b></p> <p>DRAWING NO.: KM26QS5</p>

# KM26 QuikShip Drawing #6

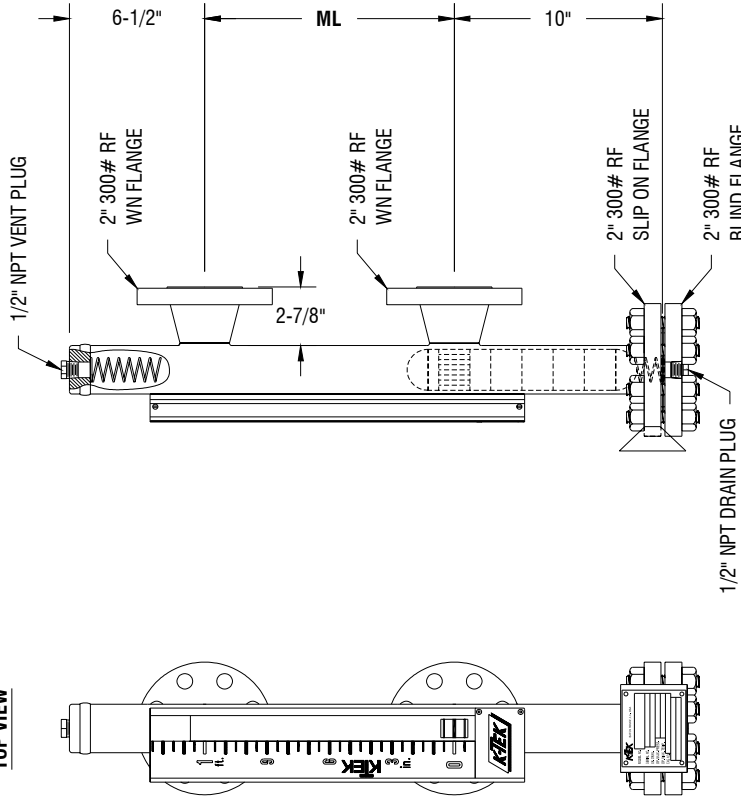


## DWG NO. KM26QS6



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



FRONT VIEW

SIDE VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18"-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.80 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
 720 PSIG @ 100°F  
 620 PSIG @ 200°F  
 560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)
- \_\_\_\_\_ Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL
- \_\_\_\_\_ Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/FT/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.80

**MATERIAL SPECIFICATIONS:**

- CHAMBER & FLANGES: 2" SCH 10 SA-312 TP 316 SS CHAMBER, SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: 316 SS
- STUDS: A193-B7, NUTS: A194-2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 3/16/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 6

CUSTOMER:

K-TEK JOB NO.:

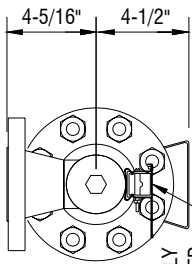
DRAWING NO.:  
 KM26QS6



# KM26 QuikShip Drawing #7

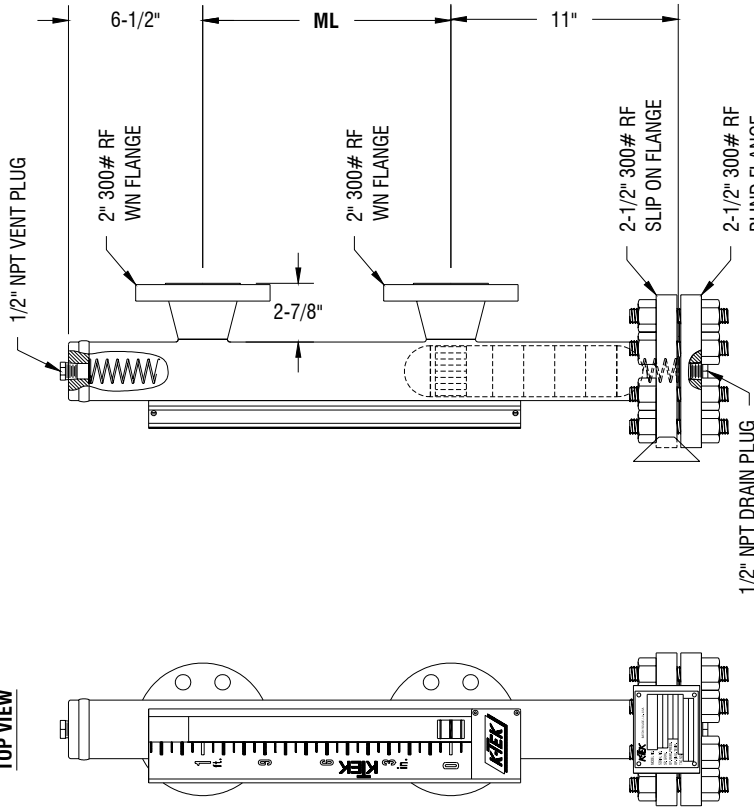


## DWG NO. KM26QS7



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



FRONT VIEW

SIDE VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.52 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
720 PSIG @ 100°F  
620 PSIG @ 200°F  
560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**
- \_\_\_\_\_ AT200 or AT600 (16 foot maximum ML on AT600)
  - Check transmitter options (available for AT200 or AT600):
  - \_\_\_\_\_ BOTTOM or TOP CONNECTED ELECTRONIC HOUSING
  - \_\_\_\_\_ FACTORY MUTUAL/CSA or CENELEC APPROVAL
  - Check additional transmitter options for AT200 only:
  - \_\_\_\_\_ LCD INDICATOR
  - \_\_\_\_\_ HART or HONEYWELL DE or FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/7/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.52

**MATERIAL SPECIFICATIONS:**

- CHAMBER & FLANGES: 2-1/2" SCH 10 SA-312 TP 304 SS CHAMBER, SA-182 F304 SS RF FLANGES
- FLOAT MATERIAL TYPE: GRADE 2 TITANIUM
- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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**DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 7**

CUSTOMER:

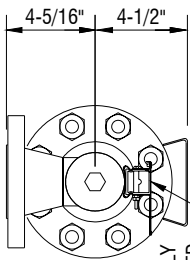
K-TEK JOB NO.:

DRAWING NO.:  
KM26QS7

# KM26 QuikShip Drawing #8

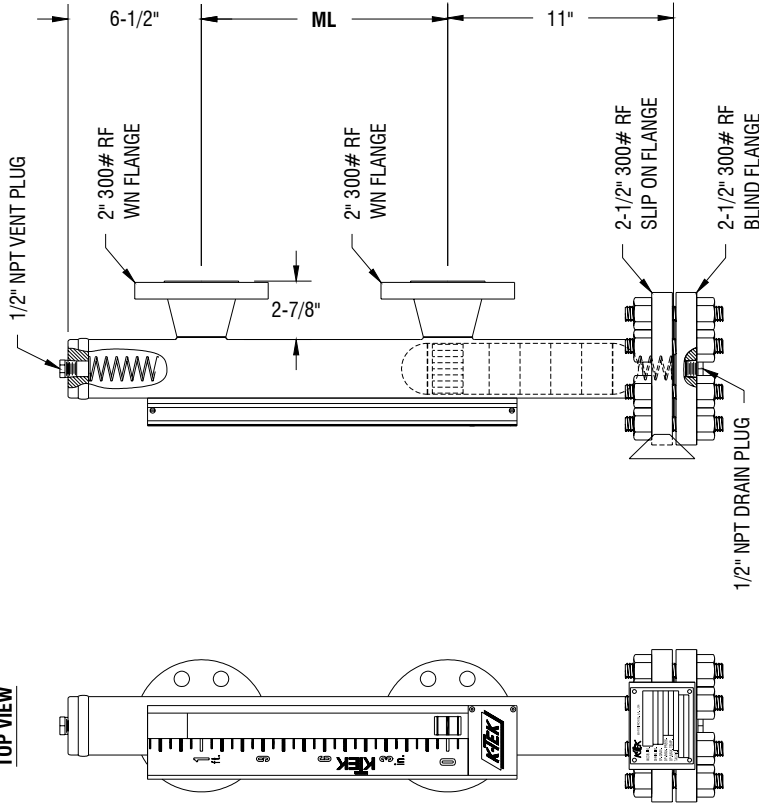


## DWG NO. KM26QS8



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

**TOP VIEW**



**FRONT VIEW**

**SIDE VIEW**

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18"-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.52 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
720 PSIG @ 100°F  
620 PSIG @ 200°F  
560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/CSA or CENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or HONEYWELL DE or FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F7/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**  
- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)  
- MIN. SPECIFIC GRAVITY: 0.52

**MATERIAL SPECIFICATIONS:**

- CHAMBER & FLANGES: 2-1/2" SCH 10 SA-312 TP 316 SS CHAMBER, SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: GRADE 2 TITANIUM
- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 8

CUSTOMER:

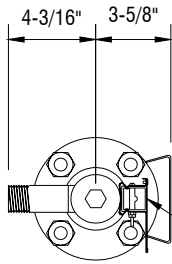
K-TEK JOB NO.:

DRAWING NO.:  
KM26QS8

# KM26 QuikShip Drawing #9

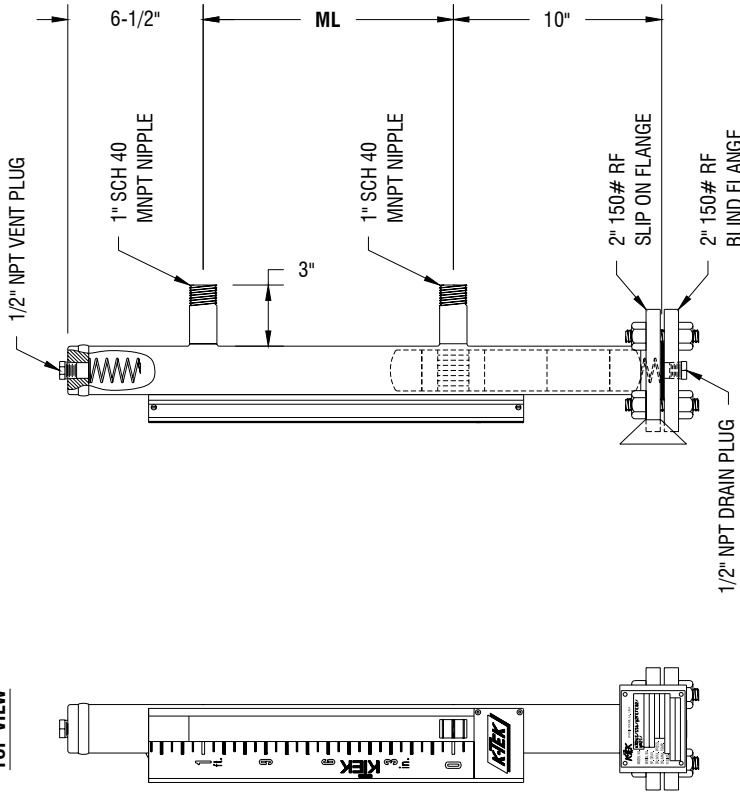


**DWG NO. KM26QS9**



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

**TOP VIEW**



**FRONT VIEW**

**SIDE VIEW**

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.70 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
275 PSIG @ 100°F  
235 PSIG @ 200°F  
215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
  - \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
  - \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH
- SCALE / RULER INDICATION:**
- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
  - \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**
- \_\_\_\_\_ AT200 or \_\_\_\_\_ A1600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
  - \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
  - \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F7/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.70

**MATERIAL SPECIFICATIONS:**

- CHAMBER, NIPPLES & FLANGES: 2" SCH 10 SA-312 TP 304 SS CHAMBER & SCH 40 NIPPLES SA-182 F304 SS RF FLANGES
- FLOAT MATERIAL TYPE: 316 SS
- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 9

CUSTOMER:

K-TEK JOB NO.:

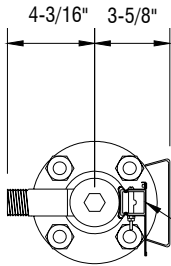
DRAWING NO.:

KW26QS9

# KM26 QuikShip Drawing #10

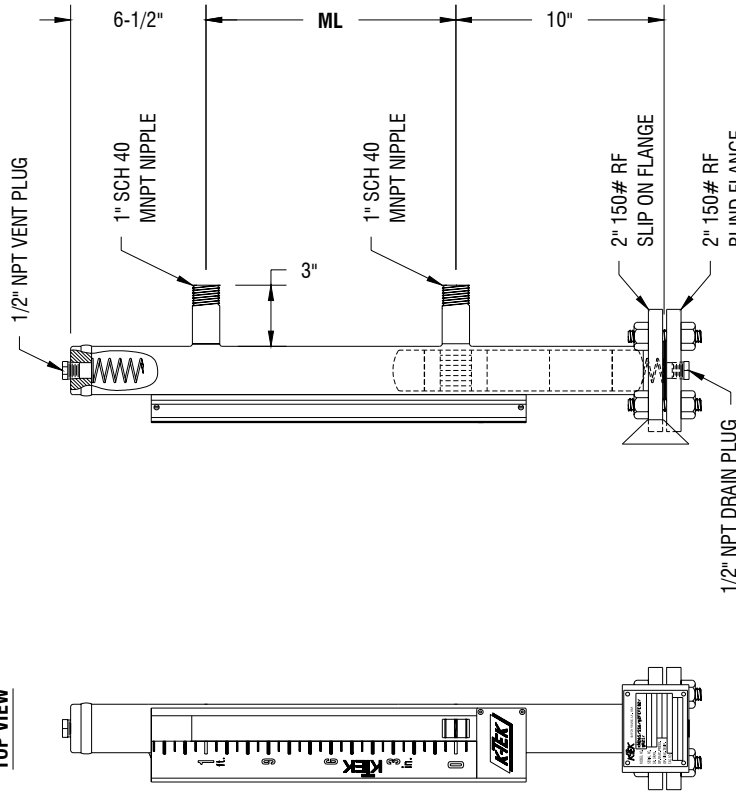


DWG NO. KM26QS10



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



FRONT VIEW

SIDE VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.70 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
275 PSIG @ 100°F  
235 PSIG @ 200°F  
215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/GSA or \_\_\_\_\_ CENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F7/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.70

**MATERIAL SPECIFICATIONS:**

- CHAMBER, NIPPLES & FLANGES: 2" SCH 10 SA-312 TP 316 SS CHAMBER & SCH 40 NIPPLES & SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: 316 SS
- STUDS: A193-B7, NUTS: A194-2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 10

CUSTOMER:

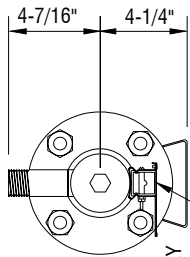
K-TEK JOB NO.:

DRAWING NO.:  
KM26QS10

# KM26 QuikShip Drawing #11

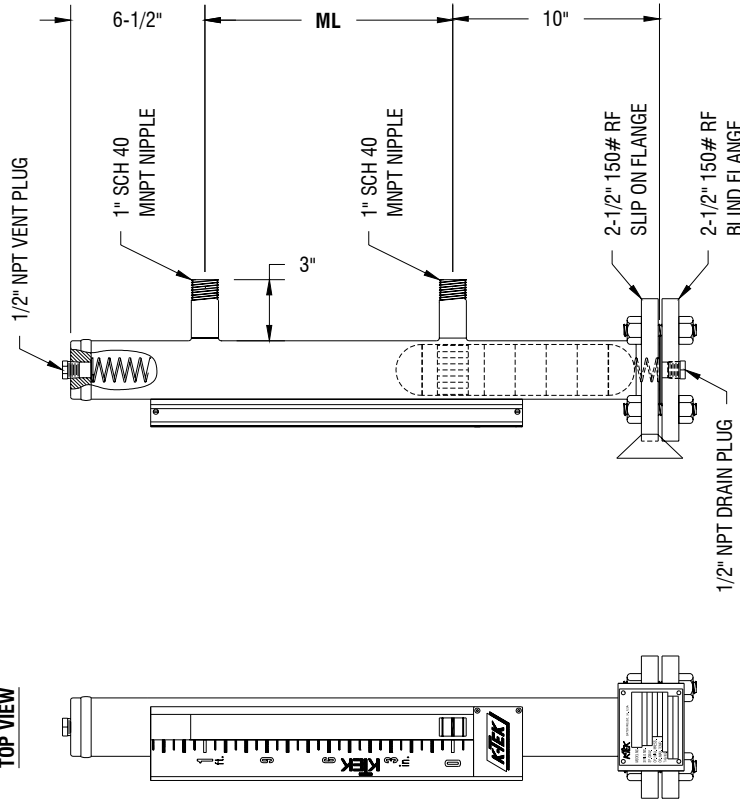


DWG NO. KM26QS11

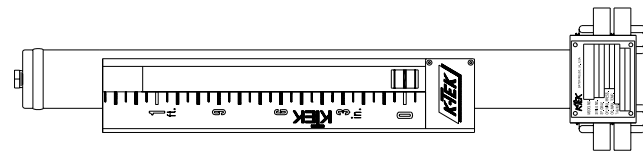


SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



SIDE VIEW



FRONT VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18"-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.50 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
 275 PSIG @ 100°F  
 235 PSIG @ 200°F  
 215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**  
 \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)  
 Check transmitter options (available for AT200 or AT600):  
 \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING  
 \_\_\_\_\_ FACTORY MUTUAL/GSA or \_\_\_\_\_ CENELEC APPROVAL  
 Check additional transmitter options for AT200 only:  
 \_\_\_\_\_ LCD INDICATOR  
 \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F7X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**  
 - LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)  
 - MIN. SPECIFIC GRAVITY: 0.50

**MATERIAL SPECIFICATIONS:**  
 - CHAMBER, NIPPLES & FLANGES: 2-1/2" SCH 10 SA-312 TP 304 SS CHAMBER & SCH 40 NIPPLES, SA-182 F304 SS RF FLANGES  
 - FLOAT MATERIAL TYPE: GRADE 2 TITANIUM  
 - STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED  
 - GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT  
 - SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS

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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 11

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CUSTOMER:

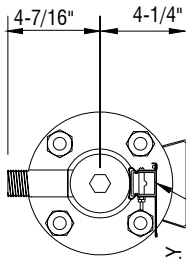
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K-TEK JOB NO.: \_\_\_\_\_ DRAWING NO.: KM26QS11

# KM26 QuikShip Drawing #12

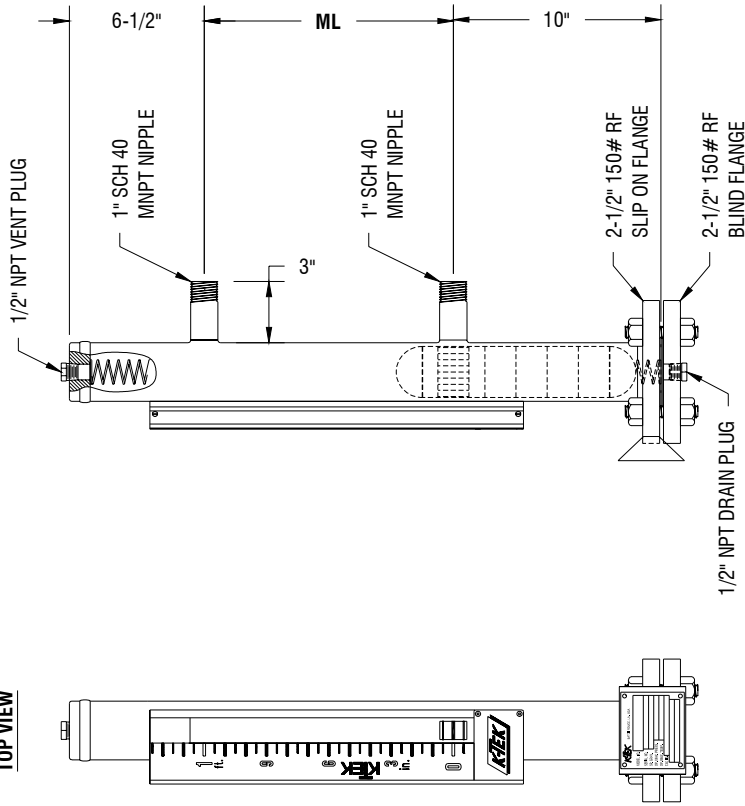


DWG NO. KM26QS12



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

TOP VIEW



FRONT VIEW

SIDE VIEW

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.50 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**

- 275 PSIG @ 100°F
- 235 PSIG @ 200°F
- 215 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/SF7X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 275 PSIG @ 100°F, 235 PSIG @ 200°F, 215 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.50

**MATERIAL SPECIFICATIONS:**

- CHAMBER, NIPPLES & FLANGES: 2-1/2" SCH 10 SA-312 TP 316 SS CHAMBER & SCH 40 NIPPLES, SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: GRADE 2 TITANIUM
- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 12

CUSTOMER:

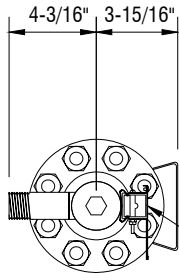
K-TEK JOB NO.:

DRAWING NO.:  
KM26QS12

# KM26 QuikShip Drawing #13

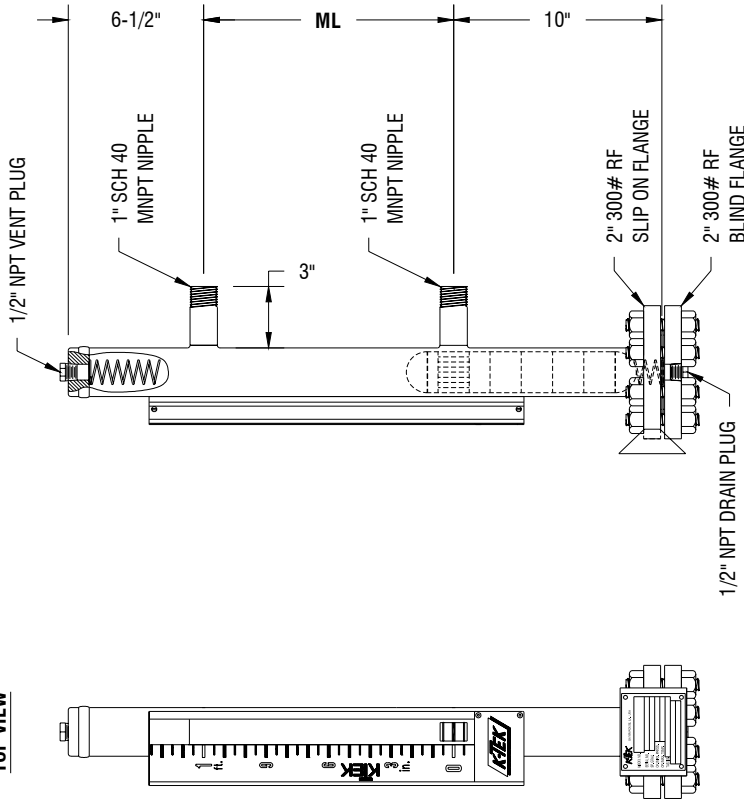


## DWG NO. KM26QS13



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED

**TOP VIEW**



**SIDE VIEW**

**FRONT VIEW**

**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.80 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
 720 PSIG @ 100°F  
 620 PSIG @ 200°F  
 560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

- \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)
- Check transmitter options (available for AT200 or AT600):
- \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING
- \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL
- Check additional transmitter options for AT200 only:
- \_\_\_\_\_ LCD INDICATOR
- \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/FT/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**  
 - LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)  
 - MIN. SPECIFIC GRAVITY: 0.80

**MATERIAL SPECIFICATIONS:**  
 - CHAMBER, NIPPLES & FLANGES: 2" SCH 10 SA-312 TP 304 SS CHAMBER & SCH 40 NIPPLES, SA-182 F304 SS RF FLANGES  
 - FLOAT MATERIAL TYPE: 316 SS  
 - STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED  
 - GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT  
 - SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 13

CUSTOMER:

K-TEK JOB NO.:

DRAWING NO.:  
 KM26QS13

# KM26 QuikShip Drawing #14



## DWG NO. KM26QS14

**SPECIFY EACH OF THE FOLLOWING:**

\_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)

\_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.80 Min.)

\_\_\_\_\_ = OPERATING TEMPERATURE (°F)

\_\_\_\_\_ = OPERATING PRESSURE (PSIG)

\_\_\_\_\_ = TAG NO.

\_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
 720 PSIG @ 100°F  
 620 PSIG @ 200°F  
 560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

\_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)

\_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH

\_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

\_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)

\_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

**TRANSMITTER:**

\_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)

Check transmitter options (available for AT200 or AT600):

\_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING

\_\_\_\_\_ FACTORY MUTUAL/GSA or \_\_\_\_\_ CENELEC APPROVAL

Check additional transmitter options for AT200 only:

\_\_\_\_\_ LCD INDICATOR

\_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

\_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)

\_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)

\_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)

\_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)

\_\_\_\_\_ MS-41/S/F7X (10 AMP, DPDT, NEMA 4X HOUSING)

\_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)

\_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**K-TEK**

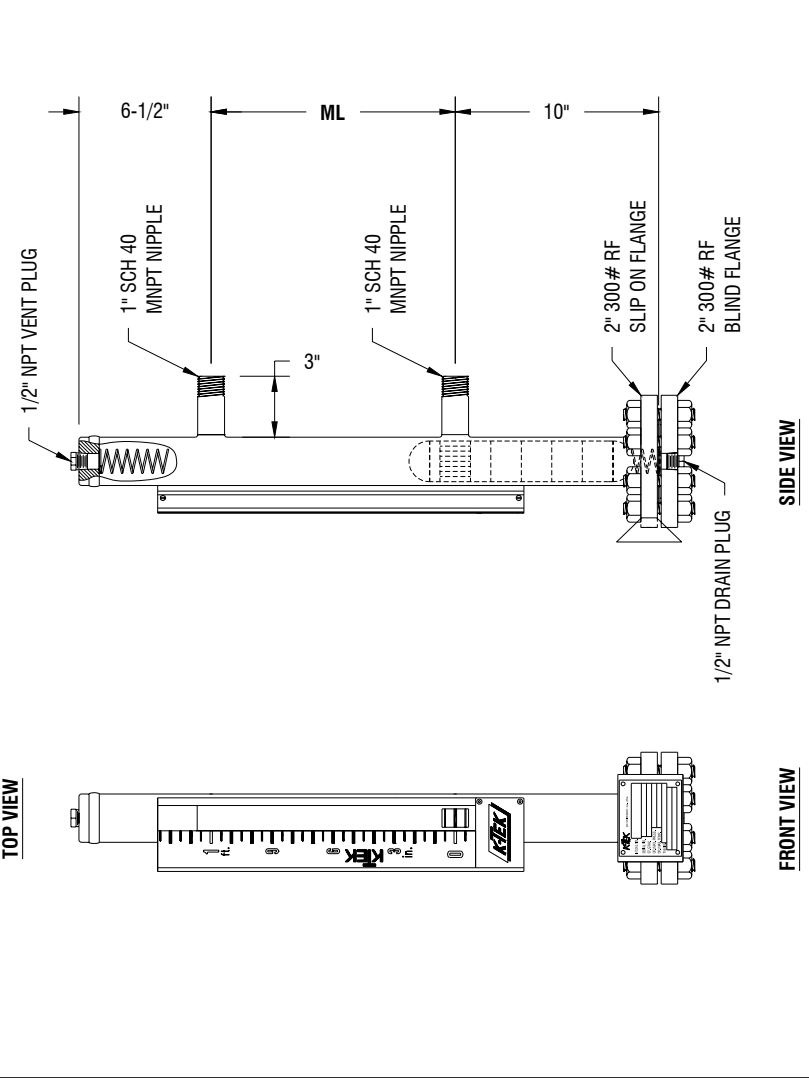
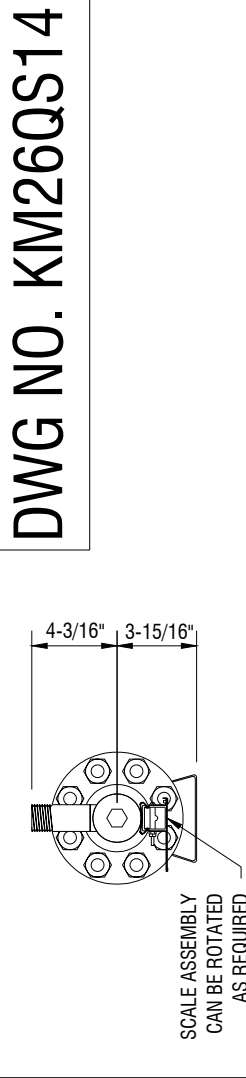
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 PRAIRIEVILLE, LA 70769 USA

**DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 14**

CUSTOMER: \_\_\_\_\_

K-TEK JOB NO.: \_\_\_\_\_

DRAWING NO.: KM26QS14



**FRONT VIEW**

**PROCESS CONDITIONS:**

- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)
- MIN. SPECIFIC GRAVITY: 0.80

**MATERIAL SPECIFICATIONS:**

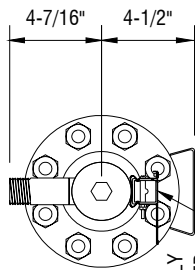
- CHAMBER, NIPPLES & FLANGES: 2" SCH 10 SA-312 TP 316 SS CHAMBER & SCH 40 NIPPLES, SA-182 F316 SS RF FLANGES
- FLOAT MATERIAL TYPE: 316 SS
- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED
- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT
- SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



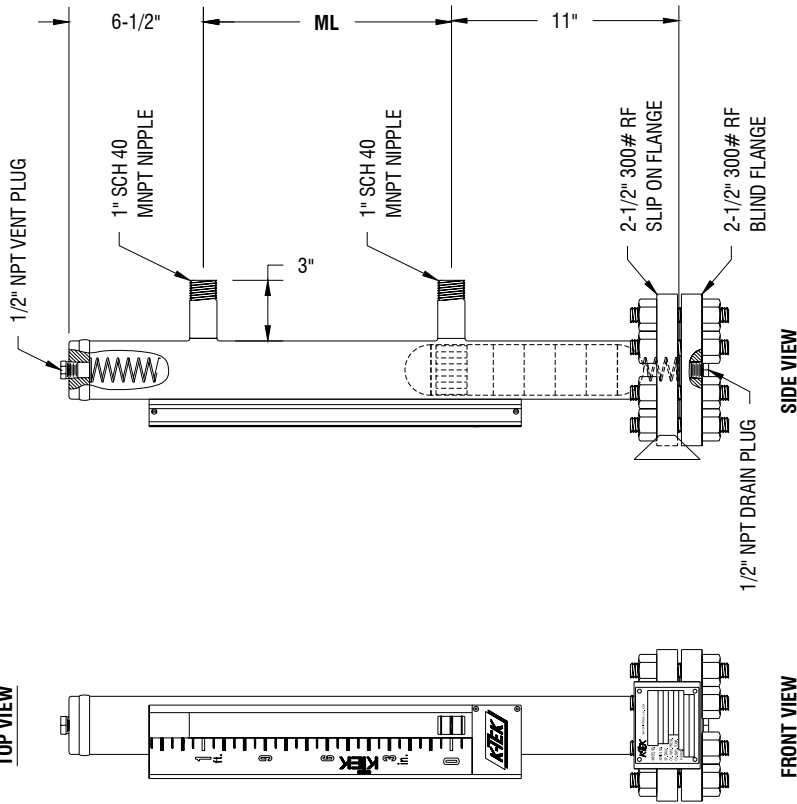
# KM26 QuikShip Drawing #15



**DWG NO. KM26QS15**



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED



**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.52 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)
- \_\_\_\_\_ = TAG NO.
- \_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
 720 PSIG @ 100°F  
 620 PSIG @ 200°F  
 560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**  
 \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)  
 Check transmitter options (available for AT200 or AT600):  
 \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING  
 \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL  
 Check additional transmitter options for AT200 only:  
 \_\_\_\_\_ LCD INDICATOR  
 \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**

- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/S/F/X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

**PROCESS CONDITIONS:**  
 - LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)  
 - MIN. SPECIFIC GRAVITY: 0.52

**MATERIAL SPECIFICATIONS:**  
 - CHAMBER, NIPPLES & FLANGES: 2-1/2" SCH 10 SA-312 TP 304 SS CHAMBER & SCH 40 NIPPLES, SA-182 F304 SS RF FLANGES  
 - FLOAT MATERIAL TYPE: GRADE 2 TITANIUM  
 - STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED  
 - GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT  
 - SCALE ASSEMBLY: 316 SS CHANNEL, RULER & CLAMPS



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 PRAIRIEVILLE, LA 70769 USA

DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 15

CUSTOMER:

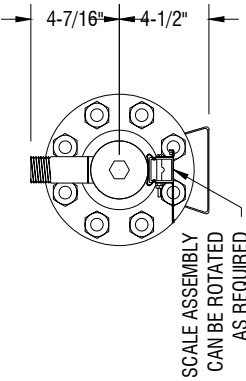
K-TEK JOB NO.:

DRAWING NO.:  
 KM26QS15

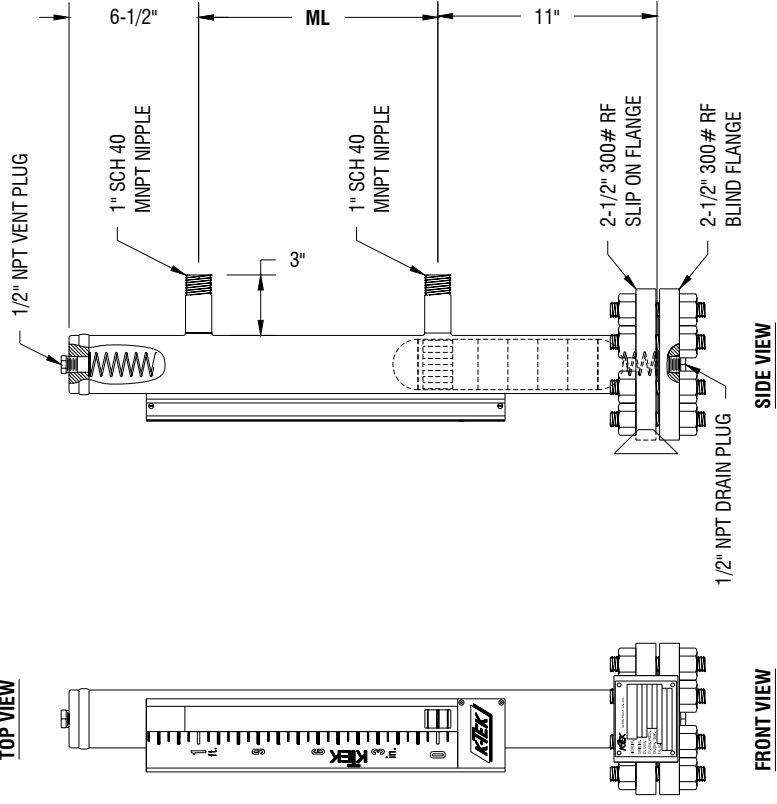
# KM26 QuikShip Drawing #16



**DWG NO. KM26QS16**



SCALE ASSEMBLY  
CAN BE ROTATED  
AS REQUIRED



**SPECIFY EACH OF THE FOLLOWING:**

- \_\_\_\_\_ = MEASURING LENGTH (ML); (18-0" Max.)
- \_\_\_\_\_ = OPERATING SPECIFIC GRAVITY (0.52 Min.)
- \_\_\_\_\_ = OPERATING TEMPERATURE (°F)
- \_\_\_\_\_ = OPERATING PRESSURE (PSIG)

\_\_\_\_\_ = TAG NO.  
\_\_\_\_\_ = FLUID TYPE

**MAX TEMP/PRESS. LIMITS:**  
720 PSIG @ 100°F  
620 PSIG @ 200°F  
560 PSIG @ 300°F

**INDICATOR TYPE (WITH GLASS TUBE):**

- \_\_\_\_\_ FLUORESCENT ORANGE SHUTTLE (STD.)
- \_\_\_\_\_ YELLOW / BLACK MAGNETIC BAR GRAPH
- \_\_\_\_\_ RED / WHITE MAGNETIC BAR GRAPH

**SCALE / RULER INDICATION:**

- \_\_\_\_\_ FEET / INCHES WITH 1/2" DIVISIONS (STD.)
- \_\_\_\_\_ METERS / CENTIMETERS WITH 1 CM DIVISIONS

**ACCESSORIES:**

- TRANSMITTER:**  
 \_\_\_\_\_ AT200 or \_\_\_\_\_ AT600 (16 foot maximum ML on AT600)  
 Check transmitter options (available for AT200 or AT600):  
 \_\_\_\_\_ BOTTOM or \_\_\_\_\_ TOP CONNECTED ELECTRONIC HOUSING  
 \_\_\_\_\_ FACTORY MUTUAL/CSA or \_\_\_\_\_ CENELEC APPROVAL  
 Check additional transmitter options for AT200 only:  
 \_\_\_\_\_ LCD INDICATOR  
 \_\_\_\_\_ HART or \_\_\_\_\_ HONEYWELL DE or \_\_\_\_\_ FOUNDATION FIELDBUS

**SWITCH (SPECIFY QTY)**










- \_\_\_\_\_ MS-30 (1 AMP, SPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-30/EX (1 AMP, SPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-40 (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ MS-40/EX (10 AMP, DPDT, EXPLOSION PROOF HOUSING)
- \_\_\_\_\_ MS-41/SF7X (10 AMP, DPDT, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-35 (PNEUMATIC; 15-100 PSIG SUPPLY, NEMA 4X HOUSING)
- \_\_\_\_\_ PS-45 (PNEUMATIC; 1-100 PSIG SUPPLY, NEMA 4X HOUSING)

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<p><b>PROCESS CONDITIONS:</b></p> <ul style="list-style-type: none"> <li>- LEVEL GAUGE PRESSURE RATINGS: 720 PSIG @ 100°F, 620 PSIG @ 200°F, 560 PSIG @ 300°F (NOT RATED FOR CRYOGENIC TEMPERATURES)</li> <li>- MIN. SPECIFIC GRAVITY: 0.52</li> </ul>		<p>DIMENSIONAL DRAWING FOR KM26S MLG QUIKSHIP FIGURE 16</p>
<p><b>MATERIAL SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>- CHAMBER, NIPPLES &amp; FLANGES: 2-1/2" SCH 10 SA-312 TP 316 SS CHAMBER &amp; SCH 40 NIPPLES, SA-182 F316 SS RF FLANGES</li> <li>- FLOAT MATERIAL TYPE: GRADE 2 TITANIUM</li> <li>- STUDS: A193-B7, NUTS: A194 2H; BOTH CADMIUM PLATED, YELLOW DICHROMATE DIPPED</li> <li>- GASKET: 1/16" THICK, FLEXIBLE GRAPHITE WITH 316/316L SS INSERT</li> <li>- SCALE ASSEMBLY: 316 SS CHANNEL, RULER &amp; CLAMPS</li> </ul>		<p>CUSTOMER:</p>
		<p>K-TEK JOB NO.: DRAWING NO.: KM26QS16</p>

# AVAILABLE SWITCHES



The following switches are available from K-TEK. Data Sheets on these products are located in the K-TEK catalog and online at <http://www.ktekcorp.com>.

MODEL #	DESCRIPTION
<b>MS30</b> 	<ul style="list-style-type: none"> <li>AC rating: 250 VAC, 1 Amp, 250 VA, resistive</li> <li>DC rating: 250 VDC, 1 Amp, 250 W, resistive</li> <li>Hermetically Sealed SPDT Switch (NO or NC Contacts)</li> <li>Switch is Encapsulated Within a Stainless Steel Housing</li> </ul>
<b>MS30/EX</b> 	<ul style="list-style-type: none"> <li>MS30 with Explosion Proof Enclosure</li> <li>AC rating: 250 VAC, 1 Amp, 250 VA, resistive</li> <li>DC rating: 250 VDC, 1 Amp, 250 W, resistive</li> <li>Hermetically Sealed SPDT Switch (NO or NC Contacts)</li> <li>Switch is Encapsulated Within a Stainless Steel Housing</li> </ul>
<b>MS21</b> 	<ul style="list-style-type: none"> <li>AC rating: 250 VAC, 4 Amp, 500 VA, resistive</li> <li>DC rating: 250 VDC, 4 Amp, 500 W, resistive</li> <li>Hermetically Sealed SPDT Switch (NO or NC Contacts)</li> <li>Corrosion Resistant Construction</li> </ul>
<b>MS21EX</b> 	<ul style="list-style-type: none"> <li>MS21 with Explosion Proof Housing</li> <li>AC rating: 250 VAC, 4 Amp, 500 VA, resistive</li> <li>DC rating: 250 VDC, 4 Amp, 500 W, resistive</li> <li>Hermetically Sealed SPDT Switch (NO or NC Contacts)</li> <li>Corrosion Resistant Construction</li> </ul>
<b>MS40</b> 	<ul style="list-style-type: none"> <li>AC rating: 10 amp resistive, ¼ HP at 125 AC or 250 VAC</li> <li>DC rating: ½ amp at 125 VDC, ¼ amp at 250 VDC</li> <li>Lamp Load rating: 3A at 125 VAC</li> <li>DPDT Switch (NO or NC Contacts)</li> <li>Suitable for High Temperature Applications</li> </ul>
<b>MS40/EX</b> 	<ul style="list-style-type: none"> <li>MS40 with Explosion Proof Housing</li> <li>AC rating: 10 amp resistive, ¼ HP at 125 AC or 250 VAC</li> <li>DC rating: ½ amp at 125 VDC, ¼ amp at 250 VDC</li> <li>Lamp Load rating: 3A at 125 VAC</li> <li>DPDT Switch (NO or NC Contacts)</li> <li>Suitable for High Temperature Applications</li> </ul>
<b>MS41</b> 	<ul style="list-style-type: none"> <li>AC rating: Max - 10 amp resistive, ¼ HP @ 125 AC or 250 VAC and less than 187 Watts</li> <li>CD rating: 2.6 amp @ 24 VDC, ½ amp @ 125 VDC, ¼ amp @ 250 VDC</li> <li>Lamp Load Rating: 1.5A @ 125 VAC</li> <li>Hermetically sealed DPDT switch</li> </ul>
<b>PS35</b> 	<ul style="list-style-type: none"> <li>Pneumatic Switch, Magnetically Actuated</li> <li>Integral High Volume, Rapid Relay Response</li> <li>Low Air or Gas Consumption</li> </ul>
<b>PS45</b> 	<ul style="list-style-type: none"> <li>Pneumatic switch, "No Bleed", magnetically actuated</li> <li>No Air or Gas Consumption Required</li> <li>High Reliability - Minimal Required Maintenance</li> </ul>

# MODEL NUMBER CONFIGURATION:



## KM26 a/b/c/d/e/f/g/h/i

### /a Select the orientation of the KM26 type in reference to mounting to the vessel

- S Side Mounting
- T Top Mounting
- B Bottom Mounting

### /b Select the Chamber Material

SS1	321 SS	VEF	Vinyl Ester Fiberglass
SS4	304 / 304L SS	TN4	Teflon "S" Coated 304/304L SS <sup>1</sup>
SS6	316 / 316L SS	TN6	Teflon "S" Coated 316/316L SS <sup>1</sup>
SS7	317 / 317L SS	HL4	Halar Coated 304 SS <sup>2,4</sup>
SS9	904L SS	HL6	Halar Coated 316 SS <sup>2,4</sup>
HSC	Hastelloy C-276	TF4	Tefzel Coated 304 SS <sup>2,4</sup>
HSB	Hastelloy B-3	TF6	Tefzel Coated 316 SS <sup>2,4</sup>
TI	Titanium (Grade 2)	A20	Alloy 20
PP	Polypropylene <sup>3</sup>	IN6	Incoloy 600
PVD	KYNAR (PVDF) <sup>3</sup>	IN8	Incoloy 825
PVC	PVC <sup>3</sup>	ALU	Aluminum
CPV	CPVC <sup>3</sup>	ZI2	Zirconium 702
EPF	Epoxy Resin Fiberglass	CST	Carbon Steel (For KM26T Stilling Well or KM26 Flanges)

#### Notes:

- <sup>1</sup> To minimize friction for optimal float travel - max. temp = 425°F.
- <sup>2</sup> For Increased Corrosion Resistance - max. temp = 300°F.
- <sup>3</sup> Maximum measuring length is 18 feet.
- <sup>4</sup> Tefzel or Halar coated units must not have any FNPT options.

### /c Select the Chamber Configuration codes from Table 1 (see page 22) (example from Table 1 /W2FEFEB2)

Note: If more than 2 process connections are required add the code for each in the chamber configuration code (example /W2FEFEB2 or /W23FEB2 for 3 process connections).

### /d Connection Size / Rating - Connection code from Table 2 (see page 26) (example /SR21 )

Note: Table 2 provides a description of the standard options available (Consult factory for special requirements).

### /e Indicator Type

/S1P	Fluorescent Shuttle w/ Lexan Tube (200°F/93°C max) <sup>2</sup>
/S1G	Fluorescent Shuttle w/ Glass Tube (350°F/176°C max) <sup>2</sup>
/S2G	High Temp (Red) Shuttle w/ Glass Tube (1000°F/538°C max) <sup>2</sup>
/M1P	Yellow/Black MBG w/ Permanently Sealed Lexan Tube (200°F/93°C max)
/M2P	Red/White MBG w/ Permanently Sealed Lexan Tube (200°F/93°C max)
/M1G	Yellow/Black MBG w/ Permanently Sealed Glass Tube (400°F/204°C max) <sup>1</sup>
/M2G	Red/White MBG w/ Permanently Sealed Glass Tube (400°F/204°C max) <sup>1</sup>
/M1PR	Yellow/Black MBG w/ Field Accessible Sealed Lexan Tube (200°F/93°C max)
/M2PR	Red/White MBG w/ Field Accessible Sealed Lexan Tube (200°F/93°C max)
/M1GR	Yellow/Black MBG w/ Field Accessible Sealed Glass Tube (400°F/204°C max) <sup>1</sup>
/M2GR	Red/White MBG w/ Field Accessible Sealed Glass Tube (400°F/204°C max) <sup>1</sup>
/CM1A	Yellow/Black MBG w/ Lexan Frost Extension for -100°F/-73°C min (2" thick insulation)
/CM2A	Red/White MBG w/ Lexan Frost Extension for -100°F/-73°C min (2" thick insulation)
/CM1B	Yellow/Black MBG w/ Lexan Frost Extension for -200°F/-129°C min (3" thick insulation)
/CM2B	Red/White MBG w/ Lexan Frost Extension for -200°F/-129°C min (3" thick insulation)
/CM1C	Yellow/Black MBG w/ Lexan Frost Extension for -320°F/-195°C min (4" thick insulation)
/CM2C	Red/White MBG w/ Lexan Frost Extension for -320°F/-195°C (4" thick insulation)
/X	None

#### Notes:

- <sup>1</sup>For Magnetic Bargraph Indicators Only: Add "H" to the indicator type to include insulation pad behind the indicator and raise the maximum operating temperature to 550°F (288°C). "IH" (Chamber Insulation) is required to raise the maximum operating temperature to 650°F (343°C).
- <sup>2</sup>Not available when a transmitter is used for total & interface level combined.

# MODEL NUMBER CONFIGURATION:



## /f Indicator Scale/Ruler

- /N No indicator housing (must select "X" for Indicator Type on previous page)
- /A SS housing; no scale
- /B SS housing; SS scale marked in ft / inches w/ 1/2" divisions (from 0 to 48 ft. standard<sup>3</sup>)
- /C SS housing; SS scale marked in meters/centimeters w/ 1 cm divisions <sup>1</sup>
- /D SS housing; SS scale marked in running inches w/ 1/2" divisions <sup>2</sup>
- /E SS housing; SS scale marked in running inches w/ 1/8" divisions <sup>2</sup>
- /F SS housing; custom SS scale (% , gallons, liters, etc.)
- /G SS housing; custom plastic scale (% , gallons, liters, etc.) 200°F (93°C) max with no insulation
- /H SS housing; dual scale; specify types

### Notes:

<sup>1</sup>Standard rulers begin with 0 cm but can be specified from -100 cm to 10 meters.

<sup>2</sup>Standard rulers begin with 0 inches but can be specified from:

1/2" divisions: -48" to 216"

1/8" divisions: -48" to 144"

<sup>3</sup>Custom rulers available (Consult Factory - Choose /F or /G).

## /g Other Options

- IH1 High Temp. Insulation; Float Chamber Only; 1/2" thick; 250°F max
- IH1D High Temp. Insulation; Float Chamber & Vent / Drain Flanges; 1/2" thick; 250°F max
- IH2 High Temp. Insulation; Float Chamber Only; 1" thick; 500°F max
- IH2D High Temp. Insulation; Float Chamber & Vent / Drain Flanges; 1" thick; 500°F max
- IH3 High Temp. Insulation; Float Chamber Only; 2" thick; 900°F max<sup>a</sup>
- IH3D High Temp. Insulation; Float Chamber & Vent / Drain Flanges; 2" thick; 900°F max<sup>a</sup>
- IL1 Cryogenic Insulation; 2" thick; single layer; -100°F minimum
- IL2 Cryogenic Insulation; 3" thick; double layer; -200°F minimum
- IL3 Cryogenic Insulation; 4" thick; double layer; -320°F minimum
- TT1 Steam Trace Tubing
- SJ Steam / Water Jacket
- ET1 Electric Tracing; Class I, Div. 2, Gp BCD; 221°F max; fixed setpoint control 35°, 45°, 60°, 90° or 185°F<sup>b</sup>
- ET2 Electric Tracing; Class I, Div. 2, Gp BCD; 400°F max; adjustable setpoint control<sup>b</sup>
- ET3 Electric Tracing; Class I, Div. 1, Gp CD; 800°F max; adjustable setpoint control<sup>b</sup>
- V Vent and / or Drain Valves (Specify valve manufacturer & model)
- RD Switch Mount Rod
- G Gussets on process connections
- GR Oversized chamber with guide rods for flashing
- S Special (Consult factory)

<sup>a</sup> **Insulation is 1" thick when a level transmitter and / or level switch is used regardless of maximum temp.**

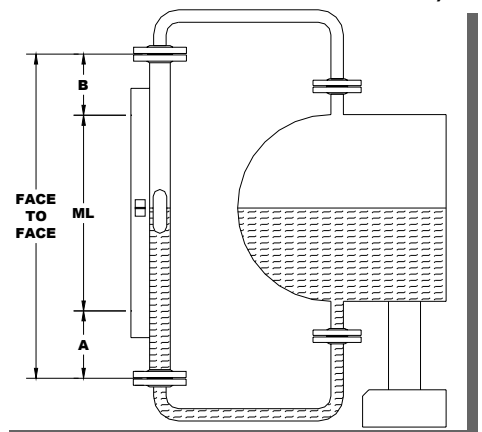
<sup>b</sup> **Please select power supply (available in the following: 110, 220, 277 & 440 VAC).**

/h Center to Center / Face to Face (specify in inches or mm) See diagram below.

/i Measuring Length (specify in inches or mm, only if different than the center to center dimensions)

### IMPORTANT NOTE:

The information above is provided for the customer to indicate specific requirements. Only those requirements need to be specified. Other sizing & ratings not specified will be selected by the factory based on standard design & manufacturing practices using temperature, pressure & specific gravity data.



Face to Face = A + B + ML

# OPTION CODES



Table 1

Description of Option Codes	
<b>B0</b>	Blind Flange, with Float Stop Spring and Matching Slip-On Flange
<b>B1</b>	B0 with FNPT (see Note 2); 1/2" FNPT standard
<b>B2</b>	B0 with Plug (see Note 5); 1/2" Standard
<b>B3</b>	B0 with Socket Weld Coupling
<b>B4</b>	B0 with FNPT Coupling
<b>B5</b>	B0 with Nipple, for Socket Welding (Flat)
<b>B6</b>	B0 with Nipple, for Butt Welding (37.5° bevel)
<b>B7</b>	B0 with Nipple, MNPT
<b>B8</b>	B0 with Top Mount Indicator
<b>B9</b>	B0 with Reducing Spool Piece and Flange (see Note 7)
<b>B10</b>	B0 with Socket Weld Bore (see Note 3); 1/2" SW standard
<b>C0</b>	FNPT Coupling
<b>C0E</b>	FNPT Coupling Connected via Extruded Outlet (See Note 4)
<b>C1</b>	Socket Weld Coupling
<b>C2</b>	C0 with plug
<b>D0</b>	Blind Flange with Float Stop Spring and a Mating Weld Neck Flange
<b>D1</b>	D0 with FNPT (see Note 2); 1/2" FNPT standard
<b>D2</b>	D0 with Plug (see Note 5); 1/2" standard
<b>D3</b>	D0 with Socket Weld Coupling
<b>D4</b>	D0 with FNPT Coupling
<b>D5</b>	D0 with Nipple, for Socket Welding (flat)
<b>D6</b>	D0 with Nipple, for Butt Welding (37.5° Bevel)
<b>D7</b>	D0 with Nipple, MNPT
<b>D8</b>	D0 with Top Mount Indicator
<b>D9</b>	D0 with Reducing Spool and Flange (See Note 7)
<b>D10</b>	D0 with Socket Weld Bore (see Note 3); 1/2" SW Standard
<b>FE</b>	Weld Neck Flange connected to chamber via Extruded Outlet (see Note 4)
<b>F0</b>	Weld Neck Flange (see Note 1)
<b>F1</b>	Weld Neck Flange with Weld-o-let (Min. SCH 40 Chamber)
<b>F2</b>	Weld Neck Flange with Weld-o-let and Concentric Reducer (Min. SCH 40 Chamber)
<b>F3E</b>	Weld Neck Flange with Concentric Reducer connected to chamber via Extruded Outlet (see Note 4)
<b>F3</b>	Weld Neck Flange with Concentric Reducer
<b>F4</b>	Weld Neck Flange with Butt Weld Tee
<b>GE</b>	Slip-On Flange connected to chamber via Extruded Outlet (see Note 4)
<b>G</b>	Slip-On Flange (See Note 1)
<b>G1</b>	Slip-On Flange with Weld-o-let and Pipe Nipple
<b>G4</b>	Slip-On Flange with Butt Weld Tee and Pipe Nipple
<b>H0</b>	Indicator with Blind Flange
<b>H1</b>	Indicator with Blind Flange and removable Stilling Well
<b>H2</b>	Indicator with MNPT Plug
<b>H3</b>	Indicator with MNPT Plug with integral Stilling Well

# HOW TO ORDER



Table 1

<b>L</b>	Stub End with Loose (Lap Joint) Flange
<b>N0E</b>	Branch Nipple for Socket Weld (Flat) connected to chamber via Extruded Outlet (see Note 4)
<b>N0</b>	Branch Nipple for Socket Weld (Flat)
<b>N1</b>	Sock-o-let (Min. SCH 40 Chamber)
<b>N2E</b>	Branch Nipple for Butt Welding (37.5° Bevel) connected to chamber via Extruded Outlet (see Note 4)
<b>N2</b>	Branch Nipple for Butt Welding (37.5° Bevel)
<b>N3E</b>	MNPT Branch Nipple connected to chamber via Extruded Outlet (see Note 4)
<b>N3</b>	MNPT Branch Nipple
<b>N4</b>	Thread-o-let (Min. SCH 40 Chamber)
<b>S0</b>	Screwed Pipe Cap with Float Stop Spring (Min. SCH 40 Chamber)
<b>S1</b>	S0 with FNPT (see Note 2); 1/2" FNPT Standard (Min. SCH 40 Chamber)
<b>S2</b>	S0 with Plug (Min. SCH 40 Chamber)
<b>S8</b>	S0 with Top Mount Indicator (Min. SCH 40 Chamber)
<b>SW</b>	Socket Weld flange (see note 1)
<b>SWE</b>	Socket Weld flange connected to chamber via Extruded outlet (see note 4)
<b>T0</b>	Butt Welded Dome Pipe Cap
<b>T2</b>	T0 with FNPT Coupling and Plug
<b>T3</b>	T0 with Socket Weld Coupling
<b>T4</b>	T0 with FNPT Coupling
<b>T5</b>	T0 with Nipple, for Socket Welding (Flat)
<b>T6</b>	T0 with Nipple, for Butt Welding (37.5° Bevel)
<b>T7</b>	T0 with Nipple, MNPT
<b>T8</b>	T0 with Top Mount Indicator
<b>T9</b>	T0 with Nipple and Flange (See Note 7)
<b>W0</b>	Welded Flat Pipe Cap with Float Stop Spring
<b>W1</b>	W0 with FNPT (See Note 2); 1/2" FNPT standard
<b>W2</b>	W0 with Plug (See Note 5); 1/2" Standard
<b>W3</b>	W0 with Socket Weld Coupling
<b>W4</b>	W0 with FNPT Coupling
<b>W5</b>	W0 with Nipple, for Socket Welding (Flat)
<b>W6</b>	W0 with Nipple, for Butt Welding (37.5° Bevel)
<b>W7</b>	W0 with Nipple, MNPT
<b>W8</b>	W0 with Top Mount Indicator
<b>W9</b>	W0 with Nipple and Flange (See Note 7)
<b>W10</b>	W0 with Socket Weld Bore (see Note 3); 1/2" SW Standard
<b>X</b>	No Connection

Note 1: When a Weld Neck Flange (F0) or a Fixed Flange (G), (SW) option is a process connection on either end of the chamber as shown in the configuration tables these will be provided with a float stop bar or disk and spring to keep the float confined in the chamber.

Note 2: 1/2" FNPT Standard; Optional FN7 (3/4") or FN1 (1"). Specify after option "D".

Note 3: 1/2" SW Standard; Optional SW7 (3/4"). Specify after option "D".

Note 4: Extruded outlet can be utilized as follows	<u>FLANGES &amp; NIPPLES</u>	<u>COUPLING SIZES</u>	
	Stainless Steel:	Sch. 10 chambers with 1", 1-1/2" & 2" connections	3/4", 1", 1 1/4"
		Sch. 40 chambers with 1-1/2" & 2" connections <sup>6</sup>	1 1/4"
	Alloy 20:	Sch. 10 chambers with 1-1/2" & 2" connections	1 1/4"
	Hastelloy:	Sch. 10 chambers with 1-1/2" & 2" connections	1 1/4"

Note 5: 1/2" plug Standard; see Table 2 (Page 26) for additional sizes.

Note 6: Cannot extrude SCH 40 seamless pipe.

Note 7: Select B9, D9, T9 or W9 when flange connections are smaller than the chamber size at either the top and / or bottom of KM26.

# DESIGN CONFIGURATONS



## TOP

<b>B0</b> 	<b>B1</b> 	<b>B2</b> 	<b>B3</b> 	<b>B4</b> 	<b>B5</b> 	<b>B6</b> 
<b>B7</b> 	<b>B8</b> 	<b>B9</b> 	<b>B10</b> 	<b>D0</b> 	<b>D1</b> 	<b>D2</b> 
<b>D3</b> 	<b>D4</b> 	<b>D5</b> 	<b>D6</b> 	<b>D7</b> 	<b>D8</b> 	<b>D9</b> 
<b>D10</b> 	<b>F0</b> 	<b>G</b> 	<b>S0</b> 	<b>S1</b> 	<b>S2</b> 	<b>S8</b> 
<b>T0</b> 	<b>T2</b> 	<b>T3</b> 	<b>T4</b> 	<b>T5</b> 	<b>T6</b> 	<b>T7</b> 
<b>T8</b> 	<b>T9</b> 	<b>W0</b> 	<b>W1</b> 	<b>W2</b> 	<b>W3</b> 	<b>W4</b> 
<b>W5</b> 	<b>W6</b> 	<b>W7</b> 	<b>W8</b> 	<b>W9</b> 	<b>W10</b> 	

## SIDE

<b>C0</b> 	<b>C0E</b> 	<b>C1</b> 	<b>C2</b> 	<b>FE</b> 	<b>F0</b> 	<b>F1</b> 
<b>F2</b> 	<b>F3</b> 	<b>F3E</b> 	<b>F4</b> 	<b>GE</b> 	<b>G</b> 	<b>G1</b> 



# DESIGN CONFIGURATIONS (continued)



## SIDE

<b>G4</b> 	<b>L</b> 	<b>N0E</b> 	<b>NO</b> 	<b>N1</b> 	<b>N2E</b> 	<b>N2</b> 
<b>N3E</b> 	<b>N3</b> 	<b>N4</b> 	<b>SW</b> 	<b>SWE</b> 	<b>X</b> 	

## BOTTOM

<b>B0</b> 	<b>B1</b> 	<b>B2</b> 	<b>B3</b> 	<b>B4</b> 	<b>B5</b> 	<b>B6</b> 
<b>B7</b> 	<b>B9</b> 	<b>B10</b> 	<b>D0</b> 	<b>D1</b> 	<b>D2</b> 	<b>D3</b> 
<b>D4</b> 	<b>D5</b> 	<b>D6</b> 	<b>D7</b> 	<b>D9</b> 	<b>D10</b> 	<b>F0</b> 
<b>G</b> 	<b>S0</b> 	<b>S1</b> 	<b>S2</b> 	<b>T0</b> 	<b>T2</b> 	<b>T3</b> 
<b>T4</b> 	<b>T5</b> 	<b>T6</b> 	<b>T7</b> 	<b>T9</b> OR	<b>W0</b> 	<b>W1</b> 
<b>W2</b> 	<b>W3</b> 	<b>W4</b> 	<b>W5</b> 	<b>W6</b> 	<b>W7</b> 	<b>W9</b> OR
<b>W10</b> 						

# CONNECTION SIZE & RATING



Table 2

Flanged Connections											
Size	Pressure Rating	Loose Flange	Slip on Flanges:				Socket Weld Flanges:	Weld Neck Flanges:			
			Raised Face	RTJ	Tongue & Groove	Male / Female	Raised Face	Raised Face	RTJ	Tongue & Groove	Male / Female
1/2"	150#	L51	SR51	SJ51	ST51	SM51	SWR51	WR51	WJ51	WT51	WM51
1/2"	300#	L53	SR53	SJ53	ST53	SM53	SWR53	WR53	WJ53	WT53	WM53
1/2"	600#	L56	SR56	SJ56	ST56	SM56	SWR56	WR56	WJ56	WT56	WM56
1/2"	1500#	L515	SR515	SJ515	ST515	SM515	SWR515	WR515	WJ515	WT515	WM515
3/4"	150#	L71	SR71	SJ71	ST71	SM71	SWR71	WR71	WJ71	WT71	WM71
3/4"	300#	L73	SR73	SJ73	ST73	SM73	SWR73	WR73	WJ73	WT73	WM73
3/4"	600#	L76	SR76	SJ76	ST76	SM76	SWR76	WR76	WJ76	WT76	WM76
3/4"	1500#	L715	SR715	SJ715	ST715	SM715	SWR715	WR715	WJ715	WT715	WM715
1"	150#	L11	SR11	SJ11	ST11	SM11	SWR11	WR11	WJ11	WT11	WM11
1"	300#	L13	SR13	SJ13	ST13	SM13	SWR13	WR13	WJ13	WT13	WM13
1"	600#	L16	SR16	SJ16	ST16	SM16	SWR16	WR16	WJ16	WT16	WM16
1"	1500#	L115	SR115	SJ115	ST115	SM115	SWR115	WR115	WJ115	WT115	WM115
1-1/2"	150#	L151	SR151	SJ151	ST151	SM151	SWR151	WR151	WJ151	WT151	WM151
1-1/2"	300#	L153	SR153	SJ153	ST153	SM153	SWR153	WR153	WJ153	WT153	WM153
1-1/2"	600#	L156	SR156	SJ156	ST156	SM156	SWR156	WR156	WJ156	WT156	WM156
1-1/2"	1500#	L1515	SR1515	SJ1515	ST1515	SM1515	SWR1515	WR1515	WJ1515	WT1515	WM1515
2"	150#	L21	SR21	SJ21	ST21	SM21	SWR21	WR21	WJ21	WT21	WM21
2"	300#	L23	SR23	SJ23	ST23	SM23	SWR23	WR23	WJ23	WT23	WM23
2"	600#	L26	SR26	SJ26	ST26	SM26	SWR26	WR26	WJ26	WT26	WM26
2"	1500#	L215	SR215	SJ215	ST215	SM215	SWR215	WR215	WJ215	WT215	WM215
2-1/2"	150#	L251	SR251	SJ251	ST251	SM251	SWR251	WR251	WJ251	WT251	WM251
2-1/2"	300#	L253	SR253	SJ253	ST253	SM253	SWR253	WR253	WJ253	WT253	WM253
2-1/2"	600#	L256	SR256	SJ256	ST256	SM256	SWR256	WR256	WJ256	WT256	WM256
2-1/2"	1500#	L2515	SR2515	SJ2515	ST2515	SM2515	SWR2515	WR2515	WJ2515	WT2515	WM2515
3"	150#	L31	SR31	SJ31	ST31	SM31	SWR31	WR31	WJ31	WT31	WM31
3"	300#	L33	SR33	SJ33	ST33	SM33	SWR33	WR33	WJ33	WT33	WM33
3"	600#	L36	SR36	SJ36	ST36	SM36	SWR36	WR36	WJ36	WT36	WM36
3"	900#	L39	SR39	SJ39	ST39	SM39	SWR39	WR39	WJ39	WT39	WM39
3"	1500#	L315	SR315	SJ315	ST315	SM315	SWR315	WR315	WJ315	WT315	WM315
4"	150#	L41	SR41	SJ41	ST41	SM41	SWR41	WR41	WJ41	WT41	WM41
4"	300#	L43	SR43	SJ43	ST43	SM43	SWR43	WR43	WJ43	WT43	WM43

**NOTES:**

1. Extruded Outlets are full bore up to a maximum of 2" See Note 4, Table 1 on page 23.
2. Non-extruded connections with flanges above 1" will be supplied with a 1" bore unless specified with an F in front of the selection from table to indicate **full bore**.
3. 1/2" to 2 1/2" flanges use 1500# if 900# is specified.

Nipples: Sch. 40 Std.			Plugs: 1/2" Std.		Threaded Couplings:			Socket Weld Couplings:		
1/2"	Sch. 40	N54	1/2"	P5	1/2"	3000#	C53	1/2"	3000#	SC53
1/2"	Sch. 80	N58	3/4"	P7	3/4"	3000#	C73	3/4"	3000#	SC73
1/2"	Sch. 160	N51	1"	P1	1"	3000#	C13	1"	3000#	SC13
3/4"	Sch. 40	N74	2"	P2						
3/4"	Sch. 80	N78	3"	P3						
3/4"	Sch. 160	N71	4"	P4						
1"	Sch. 40	N14								
1"	Sch. 80	N18								
1"	Sch. 160	N11								

Screw-On Caps:			Sock-o-lets			Thread-o-lets:		
2"	3000#	S23	1/2"	3000#	S05	1/2"	3000#	T053
2-1/2"	3000#	S253	3/4"	3000#	S07	3/4"	3000#	T073
3"	3000#	S33	1"	3000#	S10	1"	3000#	T103
4"	3000#	S43	1-1/2"	3000#	S15	1-1/2"	3000#	T153
			2"	3000#	S20	2"	3000#	T203
						1/2"	6000#	T056
						3/4"	6000#	T076
						1"	6000#	T106
						1-1/2"	6000#	T156
						2"	6000#	T206

# FLANGE RATINGS

## Pressure versus Temperature



CLASS 150 FLANGE PRESSURE RATINGS (PSI) PER ANSI B16.5-1988						
	A105 C. STEEL	A182 304 SS	A182 316 SS	A182 304L SS 316L SS	B462 ALLOY 20	B564 625 C276
-20 to 100 °F	285	275	275	230	290	290
200 °F	260	235	235	195	260	260
300 °F	230	205	215	175	230	230
400 °F	200	190	195	160	200	200
500 °F	170	170	170	145	170	170
600 °F	140	140	140	140	140	140
650 °F	125	125	125	125	125	125
700 °F	110	110	110	110	110	110
750 °F	95	95	95	95	95	95
800 °F	80	80	80	80	80	80
850 °F	65	65	65	65		65
900 °F	50	50	50			50
950 °F	35	35	35			35
1000 °F	20	20	20			20

CLASS 300 FLANGE PRESSURE RATINGS (PSI) PER ANSI B16.5-1988						
	A105 C. STEEL	A182 304 SS	A182 316 SS	A182 304L SS 316L SS	B462 ALLOY 20	B564 625 C276
-20 to 100 °F	740	720	720	600	750	750
200 °F	675	600	620	505	720	750
300 °F	655	540	560	455	715	730
400 °F	635	495	515	415	675	705
500 °F	600	465	480	380	655	665
600 °F	550	435	450	360	605	605
650 °F	535	430	445	350	590	590
700 °F	535	425	430	345	570	570
750 °F	505	415	425	335	530	530
800 °F	410	405	420	330	510	510
850 °F	270	395	420	320		485
900 °F	170	390	415			450
950 °F	105	380	385			385
1000 °F	50	320	350			365

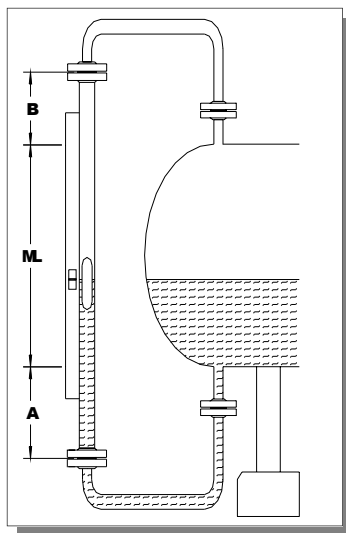
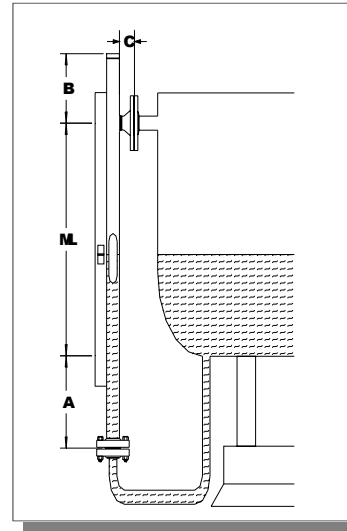
CLASS 600 FLANGE PRESSURE RATINGS (PSI) PER ANSI B16.5-1988						
	A105 C. STEEL	A182 304 SS	A182 316 SS	A182 304L SS 316L SS	B462 ALLOY 20	B564 625 C276
-20 to 100 °F	1480	1440	1440	1200	1500	1500
200 °F	1350	1200	1240	1015	1440	1500
300 °F	1315	1080	1120	910	1425	1455
400 °F	1270	995	1025	825	1345	1410
500 °F	1200	930	955	765	1310	1330
600 °F	1095	875	900	720	1210	1210
650 °F	1075	860	890	700	1175	1175
700 °F	1065	850	870	685	1135	1135
750 °F	1010	830	855	670	1065	1065
800 °F	825	805	845	660	1015	1015
850 °F	535	790	835	645		975
900 °F	345	780	830			900
950 °F	205	765	775			775
1000 °F	105	640	700			725

# SAMPLE APPLICATIONS



Top Process from side and Bottom Process from bottom of KM26

Example: KM26S/SS4/W0FEXG/WR21-SR21/S1P/B/58"/48"  
 Top: Flat Pipe Cap w/ Float Stop Spring  
 Side: Top – RFWN w/ Extruded Outlet  
 Bottom: No Process Connection  
 Bottom: RF Slip-On Flange w/ Float Stop Spring



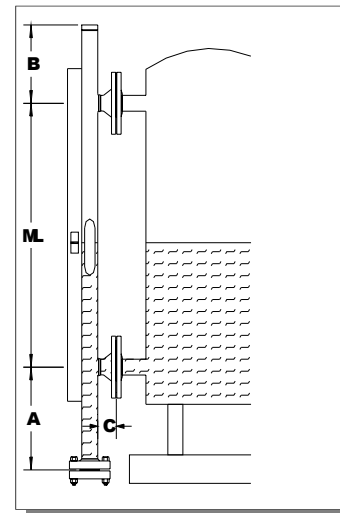
Top Process and Bottom Process from top and bottom of KM26

Example: KM26S/SS6/GXXG/SR21/S1P/B/64.5"/48"  
 Top: RF Slip-On Flange w/ Float Stop Spring  
 Side: Top – None  
 Bottom: None  
 Bottom: RF Slip-On Flange w/ Float Stop Spring

Top and Bottom Process Connection from side of KM26

Example: KM26S/SS6/W0FEFEB0/WR21/S1P/B/48"  
 Top: Flat Pipe Cap w/ Float Stop Spring  
 Side: 2 ea. RFWN w/ Extruded Outlets  
 Bottom: Blind Flange w/ Float Stop Spring and Matching Slip-On Flange

- total level
- crude oil
- 0.80 s.g. at operating conditions
- 100 psig operating, 200 psig maximum
- 150°F operating, 175°F maximum
- center to center 48"
- measuring length 48"



# SAMPLE APPLICATIONS (continued):



Top Process from top and Bottom Process from bottom side of KM26

Example: KM26S/SS6/GXB0/ SR251-SR21/S1P/B/42.5"/36"

Top: RF Slip-On Flange w/ Float Stop Spring

Side: Top – None

Bottom: RF Slip-On Flange

Bottom: Slip-On Flange w/ Float Stop Spring

-interface level

-oil / water

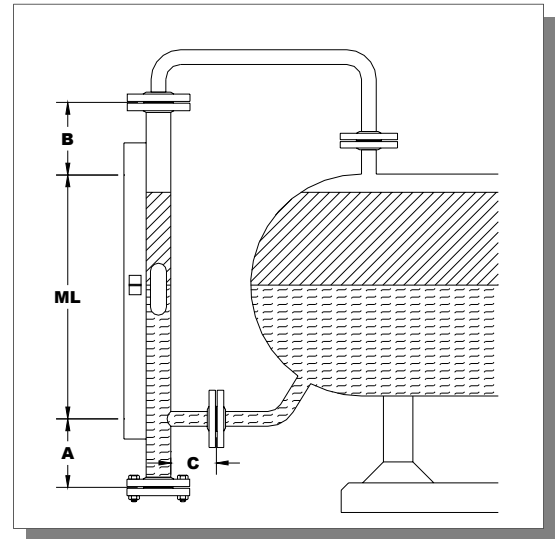
-oil s.g. 0.80 @ operating conditions; water s.g. 1.00 @ operating conditions

-100 psig operating, 200 psig maximum

-150°F operating, 175°F maximum

-center to face 42.5"

-measuring length 36"



## Dual Level Application

Example: KM26S/SS6/W03FEB0/WR21/S1P/B/48"/

Top: Flat Pipe Cap w/ Float Stop Spring

Side: Top: RFWN w/ Extruded Outlet

Middle: RFWN w/ Extruded Outlet

Bottom: RFWN w/ Extruded Outlet

Bottom: Blind Flange w/ Float Stop Spring and Matching Slip-On Flange

-total & interface level

-crude oil & water

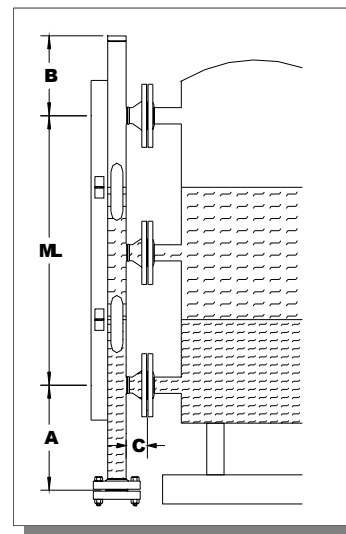
-oil s.g. = 0.80 @ operating conditions; water s.g. 1.0 @ operating conditions

-100 psig operating, 200 psig maximum

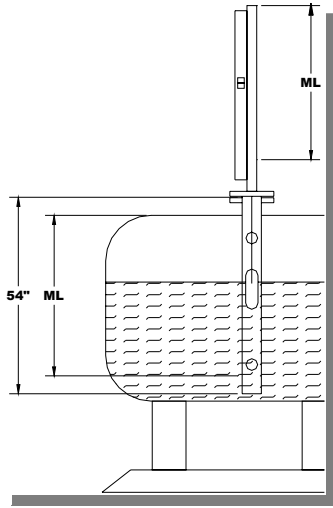
-150°F operating temperature, 175°F maximum

-center to center 48"

-measuring length 48"



# SAMPLE APPLICATIONS (continued): KM26T TOP MOUNT UNITS



Tank with Top Opening and with Stilling Well.

Example: KM26T/SS6/H0/SR41/S1P/B/54"/34"  
Top: Indicator with Blind Flange mounted on tank with existing stilling well



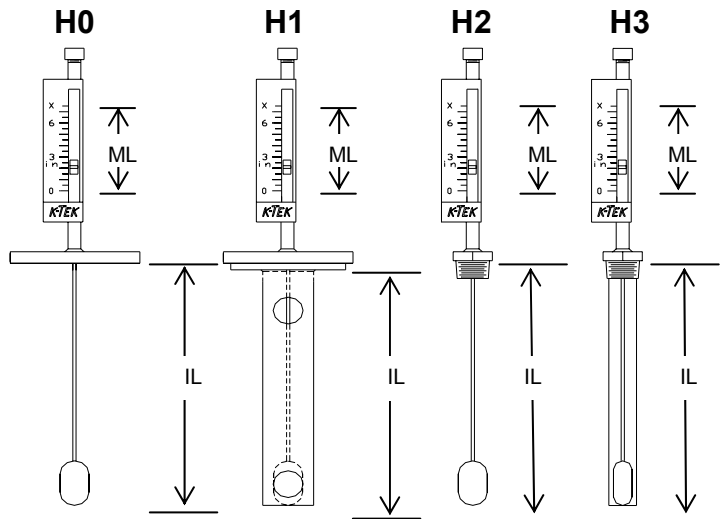
## KM26T CONFIGURATION OPTIONS

**H0** and **H2** options are designed to be mounted on tanks with pre-existing stilling wells or on tanks with insertion lengths less than or equal to 24" with non-turbulent conditions.

The minimum level that can be indicated with a top mount unit will depend on the specific gravity of the fluid and the process connection size.

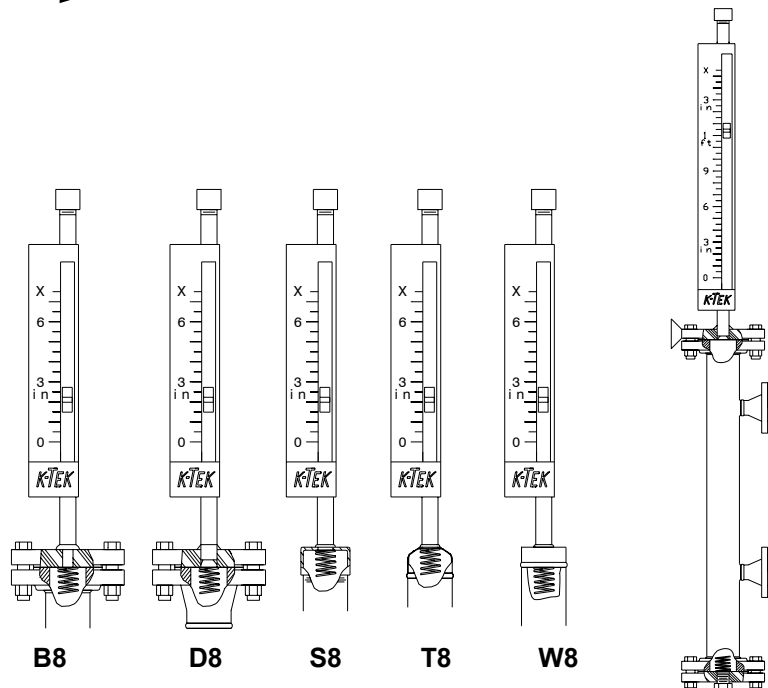
**NOTE:**

- A stilling well is recommended for insertion lengths (IL) greater than 24" or if turbulent conditions exist.
- KM26T options using a stilling well are available with maximum insertion lengths (IL) to 10 feet (120 inches). Consult factory for longer lengths



## Top Mounted Indicators

If required by the application, the KM26 indicator with scale can be mounted on the top of the KM26 chamber. These options are called out as B8, D8, S8, T8, and W8.



# QUOTATION REQUEST - KM26T-Top Mount



Tel: (1) 225-673-6100 / 800-735-5835 E-mail: sales@ktekcorp.com  
 Fax: (1) 225-673-2525

Rep. Firm: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Contact: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Customer: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Contact: \_\_\_\_\_  
 Fax: \_\_\_\_\_

**Process Conditions:**

Qty: \_\_\_\_\_ KM26T Application for (circle one):      Total Level      Interface Level  
 Upper fluid \_\_\_\_\_ Upper fluid specific gravity at operating conditions \_\_\_\_\_ Range \_\_\_\_\_  
 Lower fluid \_\_\_\_\_ Lower fluid specific gravity at operating conditions \_\_\_\_\_ Range \_\_\_\_\_  
 Operating Temp \_\_\_\_\_ Max Temp \_\_\_\_\_ Operating Press \_\_\_\_\_ Max Press \_\_\_\_\_

**Chamber & Float Details:**

Chamber Material \_\_\_\_\_ Stilling Well Material \_\_\_\_\_ Process Connection Material \_\_\_\_\_ Float Material \_\_\_\_\_  
 (for H1 and H3 options)  
 Insertion Length (IL) \_\_\_\_\_ Process Connection Type: \_\_\_\_\_ Size \_\_\_\_\_ Rating \_\_\_\_\_

Nozzle Y or N If yes, Height \_\_\_\_\_ Diameter \_\_\_\_\_ Schedule \_\_\_\_\_

**Indicator Details:**

Shuttle Yellow/Black MBG Red/White MBG Scale: Feet/Inch  Meter/cm  Custom   
 Running In. (1/2" Div.)  Running In. (1/8" Div.)

Special Requirements \_\_\_\_\_

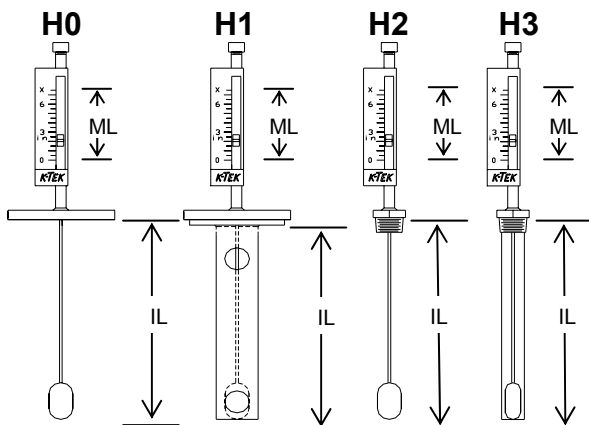
Accessories Required: (Circle all that apply.)  
 Switches (Specify) \_\_\_\_\_ Transmitter AT200 or AT600 \_\_\_\_\_  
 Foundation Fieldbus  
 HART  
 LCD  
 Honeywell DE

Area Classification, Ratings or Approvals required: \_\_\_\_\_

Circle the appropriate configuration below or attach a sketch:

**Note:** Insertion length will always be greater than measuring length (ML). Please specify available insertion length (IL) and required measure length (ML). KM26T insertion lengths (IL) >24" require a stilling well.

**KM26T Configuration Options**



Option #1: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Option #2: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Option #3: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Option #4: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Additional Notes or Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# QUOTATION REQUEST - KM26S-Side Mount



Tel: (1) 225-673-6100 / 800-735-5835 E-mail: sales@ktekcorp.com

Fax: (1) 225-673-2525

Rep. Firm: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Contact: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Customer: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Contact: \_\_\_\_\_  
 Fax: \_\_\_\_\_

**Process Conditions:**

Qty: \_\_\_\_\_ KM26 Application for (circle one): Total Level Interface Level Total & Interface

Operating Sp. Gravity: \_\_\_\_\_ Min. Sp. Gravity: \_\_\_\_\_ Second Specific Gravity (Interface): \_\_\_\_\_

Fluid(s): \_\_\_\_\_

Operating Temp \_\_\_\_\_ Max Temp \_\_\_\_\_ Operating Press \_\_\_\_\_ Max Press \_\_\_\_\_

**Chamber & Float Details:**

Chamber Material \_\_\_\_\_ Float Material \_\_\_\_\_ Flange Material \_\_\_\_\_

Process Connection Type: \_\_\_\_\_ Size \_\_\_\_\_ Rating \_\_\_\_\_

Center to Center/Measuring Length \_\_\_\_\_ Vent/Drain Type & Size \_\_\_\_\_

**Indicator Details:**

Shuttle Yellow/Black MBG Red/White MBG Scale: Feet/Inch  Meter/cm  Custom   
 Running In. (1/2" Div.)  Running In. (1/8" Div.)

Special Requirements \_\_\_\_\_

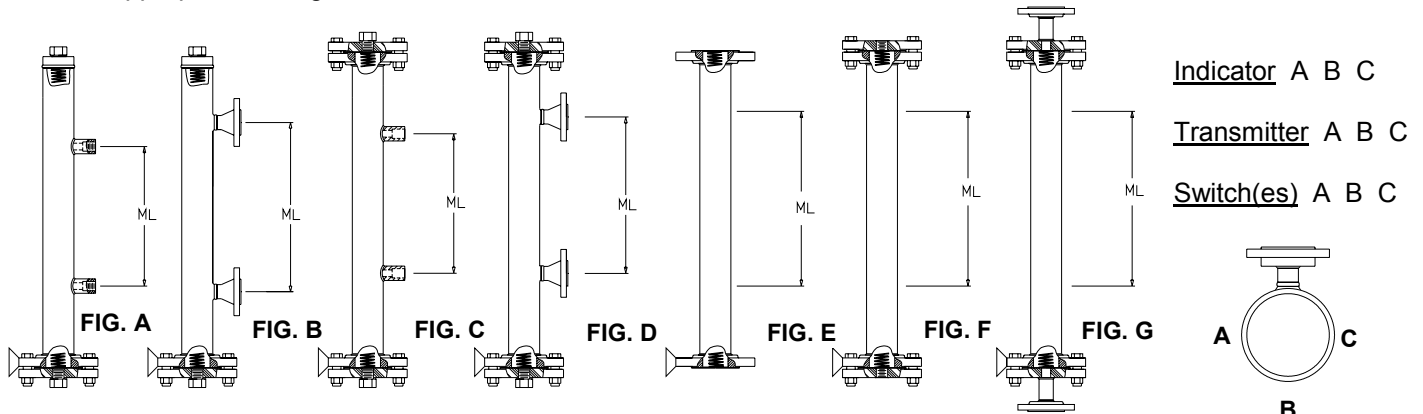
**Accessories Required (circle all that apply):**

Chamber Insulation	Electric Heat Tracing	Steam or Water Jacket (Specify)	Steam Tracing	Specialty Process Connection (Specify)	Magnetic Particle Traps	Switches (Specify)	Transmitter AT200, AT600 or RLT	<input type="checkbox"/> Foundation FB	<input type="checkbox"/> HART	<input type="checkbox"/> LCD	<input type="checkbox"/> Honeywell DE
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Area Classification, Ratings or Approvals required: \_\_\_\_\_

Circle the appropriate configuration below or attach a sketch:

**Select Orientation:**



**Note:** Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.

Option #1: \_\_\_\_\_ \$ \_\_\_\_\_ ea. Option #3: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Option #2: \_\_\_\_\_ \$ \_\_\_\_\_ ea. Option #4: \_\_\_\_\_ \$ \_\_\_\_\_ ea.

Additional Notes or Comments: \_\_\_\_\_