

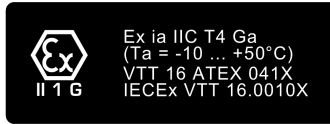
BEAMEX ORDERING GUIDE

MC6-Ex



BEAMEX MC6-Ex

HARDWARE AND SOFTWARE OPTIONS AND ACCESSORIES



MC6-Ex - ADVANCED INTRINSICALLY SAFE FIELD CALIBRATOR AND COMMUNICATOR

Order code 9250000

Description Advanced intrinsically safe field calibrator and communicator including temperature, electrical and reference junction functions

Hardware options Fieldbus communication
 Fieldbus hardware capability 9250560 Fieldbus hardware capability. Fieldbus and Profibus communicator software option also required



Internal pressure modules:

NOTE: Maximum number of pressure modules: **2** gauge modules + barometric module.

PB-Ex	9250100	Barometric module for absolute mode	
P10mD-Ex	9250120	± 10 mbar diff.	±4 inH2O
P100m-Ex	9250140	0 to 100 mbar g	0 to 40 inH2O
P400mC-Ex	9250160	±400 mbar g	±160 inH2O
P1C-Ex	9250180	± 1 bar g	-14.5 to +15 psi
P2C-Ex	9250200	-1 to 2 bar g	-14.5 to +30 psi
P6C-Ex	9250220	-1 to 6 bar g	-14.5 to +90 psi
P20C-Ex	9250240	-1 to 20 bar g	-14.5 to +300 psi
P60-Ex	9250260	0 to 60 bar g	0 to 900 psi
P100-Ex	9250280	0 to 100 bar g	0 to 1,500 psi
P160-Ex	9250300	0 to 160 bar g	0 to 2,400 psi

External pressure modules: (Standard accuracy)

EXT200mC-s-IS	9140300	±200 mbar	±80 inH2O
EXT2C-s-IS	9140320	-1 to 2 bar	-14.5 to 30 psi
EXT20C-s-IS	9140340	-1 to 20 bar	-14.5 to 300 psi
EXT160-s-IS	9140360	0 to 160 bar	0 to 2400 psi

External pressure modules: (High accuracy)

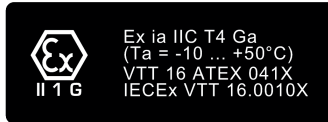
EXTB-IS	9240310	Barometric module for absolute mode	
EXT10mD-IS	9240312	±10 mbar diff.	±4 inH2O
EXT100m-IS	9240315	0 to 100 mbar g	0 to 40 inH2O
EXT400mC-IS	9240320	±400 mbar g	±160 inH2O
EXT1C-IS	9240325	± 1 bar g	-14.5 to +15 psi
EXT2C-IS	9240330	-1 to 2 bar g	-14.5 to +30 psi
EXT6C-IS	9240335	-1 to 6 bar g	-14.5 to +90 psi
EXT20C-IS	9240340	-1 to 20 bar g	-14.5 to +300 psi
EXT60-IS	9240345	0 to 60 bar g	0 to 900 psi
EXT100-IS	9240350	0 to 100 bar g	0 to 1,500 psi
EXT160-IS	9240355	0 to 160 bar g	0 to 2,400 psi
EXT250-IS	9240360	0 to 250 bar g	0 to 3,700 psi
EXT600-IS	9240365	0 to 600 bar g	0 to 9,000 psi
EX1000-IS	9240370	0 to 1000 bar g	0 to 15,000 psi

EXT Cable 8066770 EXT-IS cable (MC6-Ex --> EXT-IS)



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HARDWARE AND SOFTWARE OPTIONS AND ACCESSORIES



MC6-Ex - ADVANCED INTRINSICALLY SAFE FIELD CALIBRATOR AND COMMUNICATOR

Firmware options	Code	Description
DC	9250800	Documenting calibrator (also enables communication with CMX and LOGICAL)
DL	9250810	Multichannel data logger
MSplus	9250840	Mobile Security Plus. NOTE: Documenting calibrator option required on calibrator, requires CMX with MSPlus option!
MC6HART	9250500	HART communication option
MC6FF	9250520	MC6-Ex Foundation Fieldbus (H1) communication option (9250560 hardware option also required)
MC6PA	9250540	MC6-Ex Profibus PA communication option (9250560 hardware option also required)
PCC DPI 510/520	9250610	Pressure controller communication for Druck DPI520 or DPI510. Includes required RS232/USB adapter cable
PCC POC4	9250605	Pressure controller communication for POC4. Free of charge if ordered together with POC6 communication option. Includes required RS232/USB adapter cable
PCC POC6	9250600	Pressure controller communication for POC6. Includes required RS232/USB adapter cable
PCC POC8	9250660	Pressure controller communication for POC8. Includes required RS232/USB adapter cable
Sensor Curve	9250890	Special temperature curve (please specify and and check availability)
TBC Ametek Jofra xTC	9250730	Ametek Jofra, ATC-125A, ATC-140A, ATC-155A, ATC-156A, ATC-157A, ATC-250A, ATC-320A, ATC-650A, ATC-125B, ATC-140B, ATC-155B, ATC-156B, ATC-157B, ATC-250B, ATC-320B, ATC-650B, C-140, C-320, C-320-2, C-650, C-650-2, ITC-155A, ITC-320A, ITC-650A, CTC-140A, CTC-320A, CTC-320B, CTC-650A, CTC-650B, CTC-1200A, MTC-140A, MTC-320A, MTC-320B, MTC-650A, MTC-650B, ETC-125A, ETC-400A, ETC-400R
TBC MB/FB	9250700	Temperature block communication to Beamex FB and MB series dryblocks. Includes required RS232/USB adapter cable
TBC Fluke 917x/914x	9250720	Temperature block communication to Fluke - Hart Scientific 9170, 9171, 9172, 9173 / 9142, 9143, 9144
TBC Fluke-Hart Scientific	9250740	Temperature block communication to Fluke - Hart Scientific 0011, 2100-T, 2100-RS, 2100-P, 2100, 2200, 6010-RS, 6010, 6012-RS, 6012, 6018-RS, 6018, 6020-RS, 6020, 6021-RS, 6021, 6022-RS, 6022, 6024-RS, 6024, 6025-RS, 6025, 6035-RS, 6035, 6038-RS, 6038, 6039-RS, 6039, 6045-RS, 6045, 6050-RS, 6050H-RS, 6050H, 6050, 6054-RS, 6054, 6055-RS, 6055, 6102, 6330-RS, 6330, 6331, 7004-RS, 7004, 7005-RS, 7005, 7006-RS, 7006, 7007-RS, 7007, 7008-RS, 7008, 7009-RS, 7009, 7011-RS, 7011, 7012-RS, 7012, 7013-HOT, 7013-COLD, 7015-RS, 7015, 7018-RS, 7018, 7025-RS, 7025, 7030-RS, 7030, 7037-RS, 7037, 7038-RS, 7038, 7039-RS, 7039, 7040-RS, 7040, 7041-RS, 7041, 7042-RS, 7042, 7050-RS, 7050, 7051-RS, 7051A-RS, 7051A, 7051, 7060-RS, 7060, 7061-RS, 7061, 7080-RS, 7080, 7081-RS, 7081, 7100-RS, 7100, 7102, 7103, 7108-RS, 7108, 7312-RS, 7312, 7320-RS, 7320, 7321, 7340, 7341, 7380-RS, 7380, 7381, 7900, 9009, 9011, 9023, 9100S, 9102S, 9103, 9105-80C, 9105-140C, 9107, 9114, 9115A, 9116A, 9117, 9122A, 9122, 9123, 9127, 9132, 9133, 9140, 9141, 9150 v2.2, 9150 v2.0, 9210, 9230, 9260
PCC CPC3000	9250620	Pressure controller communication for WIKA CPC3000. Includes required RS232/USB adapter cable
PCC CPC4000	9250640	Pressure controller communication for WIKA CPC4000. Includes required RS232/USB adapter cable
PCC CPC8000	9250650	Pressure controller communication for WIKA CPC8000. Includes required RS232/USB adapter cable
PPC LPC	9250630	Pressure controller communication for United Instruments LPC. Includes required RS232/USB adapter cable

MC6-Ex - STANDARD ACCESSORIES



POWER CORD FOR EU	
Part number	8081760
Description	Power cord 1 pc. Select correct model.



POWER CORD FOR US	
Part number	8081765
Description	Power cord 1 pc. Select correct model.



POWER CORD FOR UK	
Part number	8081770
Description	Power cord 1 pc. Select correct model.



POWER CORD FOR AU	
Part number	8081775
Description	Power cord 1 pc. Select correct model.



BC15-EX CHARGER	
Part number	8075784
Description	Charger for MC6-Ex Battery pack type RB-769-EX. Input Voltage 120-240 VAC.



NIMH BATTERY PACK	
Part number	8075644
Description	NiMH Battery pack, RB-769-Ex Battery pack for MC6-Ex.



USB CABLE	
Part number	8036700
Description	USB A-B (male-male) cable.



TEST CLIPS	
Part number	8066810
Description	Test clips type 1, 1 pair.

MC6-Ex - STANDARD ACCESSORIES



TEST CLIPS	
Part number	8066811
Description	Test clips type 2, 2 pairs.



TEST LEAD CU-CU	
Part number	8036820
Description	Test lead Cu-Cu.



TEST LEADS	
Part number	8066800
Description	Test leads, 3 pairs.



USER GUIDE	
Part number	8861000
Description	User guide.



ACCREDITED CALIBRATION CERTIFICATE	
Part number	
Description	Accredited calibration certificate included as standard for MC6-Ex and internal/external pressure measurement modules. Thermocouple type K and RTD type Pt100@385 calibrated as standard. For additional T/C/RTD measurement+simulation calibration, see recalibration price list.

MC6-Ex - OPTIONAL ACCESSORIES



CARRY CASE SOFT	
Part number	8075904
Description	Carry case soft, antistatic, Ex-compatible.



CONNECTOR SET FOR BAREWIRE APPLICATIONS	
Part number	8066830
Description	Connector set for barewire applications, 4 pcs.



THERMOCOUPLE PLUG SET ANSI	
Part number	8036830
Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. ANSI.



THERMOCOUPLE PLUG SET IEC	
Part number	8036840
Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. IEC.



40 BAR T-HOSE	
Part number	8009550
Description	T-tubing 40 bar (600 psi), incl. junction block + 3 pcs 0.75 m (30 inch) hose with 3x G1/8" BSP female connectors (60° int. cone).



40 BAR HOSE	
Part number	8009560
Description	40 bar (600psi) pressure hose 0.75 m with G1/8" BSP female connectors (60° int. cone) at both ends.



CONNECTOR 1/8" BSP - 1/8" NPT	
Part number	7113260
Description	Adapter G1/8" BSP male (60° cone) to 1/8" NPT male.



CONNECTOR 1/8" BSP - 1/4" NPT	
Part number	7113300
Description	Adapter G 1/8" BSP male (60° cone) to 1/4" NPT male.

MC6-Ex - OPTIONAL ACCESSORIES



CONNECTOR SET	
Part number	8003100
Description	1x G1/8" BSP male (60° int. cone) to G1/8" BSP male (60° int. cone) + 1x O-ring, 1x G1/8" BSP male (60° int. cone) to G1/4" BSP female (60° int. cone) + 2x seals, 1x G1/8" BSP male (60° int. cone) to 1/4" NPT male.



HEX REDUCING NIPPLE	
Part number	7115025
Description	G1/8" BSP male (60° int. cone) to G1/4" BSP male. 2 bonded sealing rings included. For connecting EXT160 module to PGHH or PGXH Hydraulic Pump.



X-LOK CONVERTER	
Part number	8009120
Description	G1/8" BSP male (60° int. cone) to X-LOK.



NPT HIGH PRESSURE HOSE SET	
Part number	8003367
Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to 1/4" NPT (to pressure source). Suitable for P60/100/160 port.



MC5/MC6 EXT CABLE	
Part number	8066770
Description	Cable, MC6 --> EXT/EXT-IS.



BSP HIGH PRESSURE HOSE SET	
Part number	8003365
Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to G1/4" BSP (to pressure source). Suitable for P60/100/160 port.



HIGH PRESSURE ADAPTER	
Part number	7108650
Description	1215 to G1/4" BSP Adapter for connecting external high pressure module (EXT60...EXT1000) to high pressure hose.



FF 7/8" CABLE	
Part number	8081710
Description	Test lead set with 7/8" connector for Foundation Fieldbus.

MC6-Ex - OPTIONAL ACCESSORIES



FF M12 CABLE	
Part number	8081720
Description	Test lead set with M12 connector for Foundation Fieldbus.



PA 7/8" CABLE	
Part number	8081730
Description	Test lead set with 7/8" connector for Profibus PA.



PA M12 CABLE	
Part number	8081740
Description	Test lead set with M12 connector for Profibus PA.



ADAPTER CABLE FOR REFERENCE THERMOMETER, FEMALE LEMO TO BANANA	
Part number	8120500
Description	Adapter cable to Beamex RPRT sensors, 6-pin female Lemo to banana plugs.



ADAPTER CABLE FOR 2ND RTD CHANNEL, MALE LEMO TO BANANA	
Part number	8120510
Description	Adapter cable to MC6 R2-channel or R-model temperature block, Banana plugs to 6-pin male Lemo.

CALIBRATION CERTIFICATES IN DIGITAL FORMAT (PDF)	
Order code	9050420
Description	Calibration certificates in digital format (PDF).



XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION	
Order code	9060469
Description	Recalibration of external pressure modules; XPM, EPM, EPM-IS, EXT, EXT-IS. For more information and service orders, visit: https://www.beamex.com/services/ .



XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION FOR USA MARKET	
Order code	9999704
Description	NIST Recalibration of one External Pressure Module for USA Market. For more information and service orders, visit: https://www.beamex.com/services/ .

BEAMEX CARE PLAN FOR 36 MONTHS, ONLY AVAILABLE FOR EUROPEAN COUNTRIES	
Order code	9050800
Description	Beamex Care Plan for 36 months. Including recalibration and services as specified in the Additional Terms for Beamex Care Plan. More information at: https://www.beamex.com/services/equipment-care-plan/

MC6-EX RECALIBRATION	
Order code	9060493
Description	Recalibration of MC6-Ex. Includes an As Found Calibration. If not passed, the unit is adjusted (when possible) and an As Left calibration is carried out without additional charges. For more information and service orders, visit: https://www.beamex.com/services/ .

MC6-EX RECALIBRATION PRESSURE MODULES (EACH)	
Order code	9060494
Description	Includes recalibration of one internal pressure module in an MC6-Ex. For more information and service orders, visit: https://www.beamex.com/services/ .