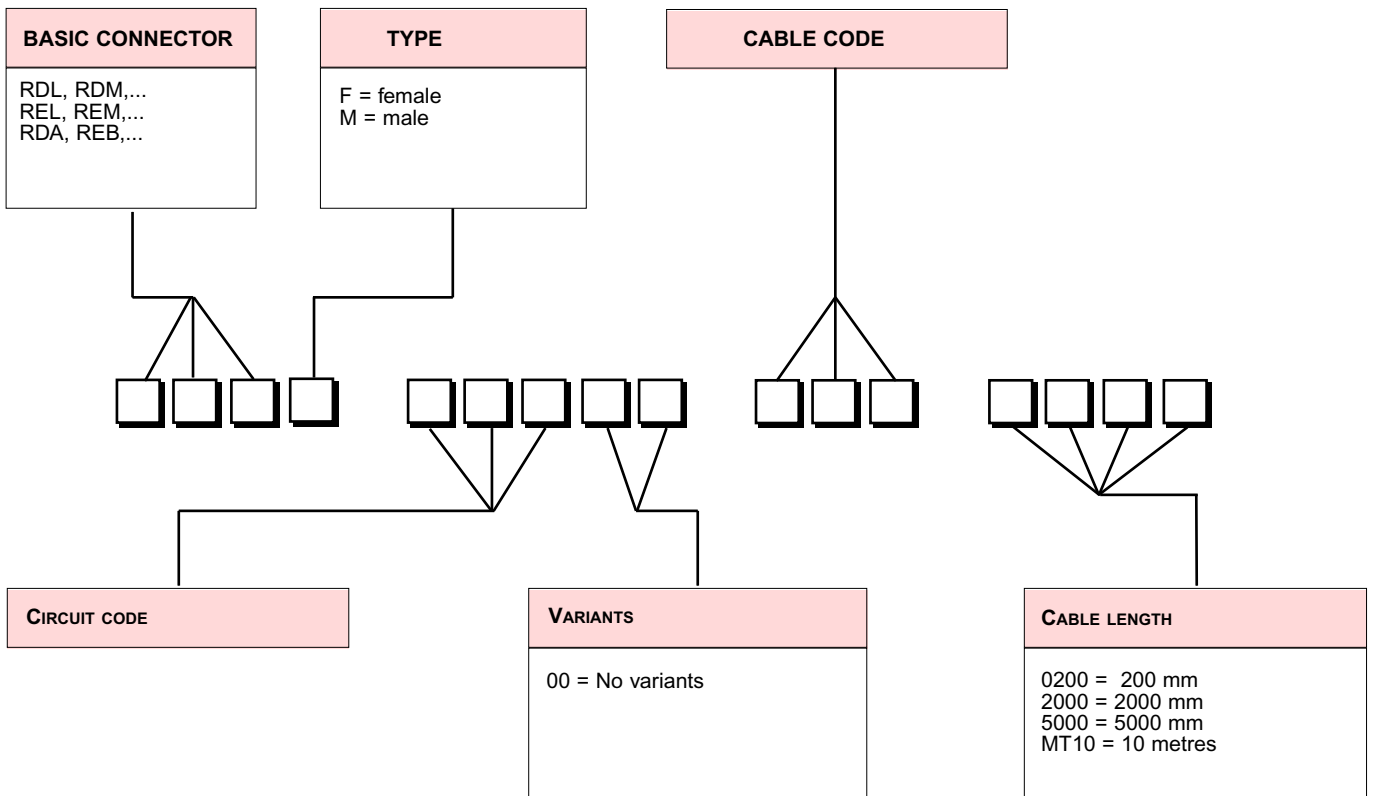
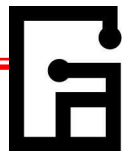




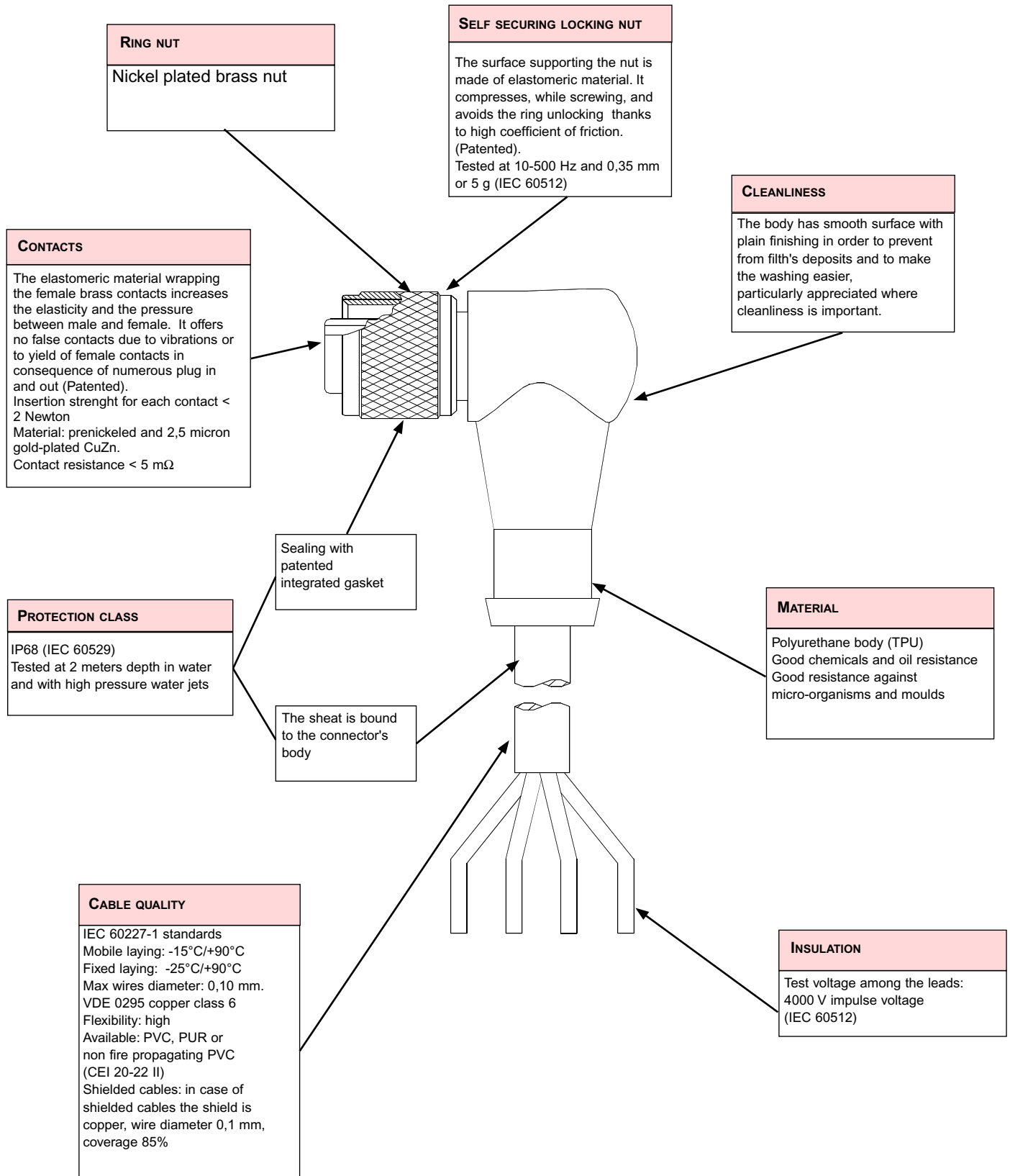
# IEC 60947-5-2 ROUND CONNECTORS

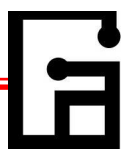
## Code formation chart





## M12 AND M8 CONNECTORS QUALITY IEC 60947-5-2 STANDARD

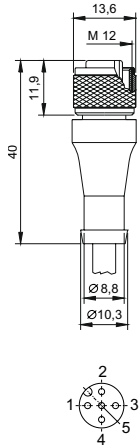




# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - STRAIGHT WITH 3, 4 OR 5 POLES, WITH CABLE

### RDLF Female



Circuit code		003	004	005	304	305
Indication		-	-	-	-	-
Poles		3	4	5	4	5
Voltage	V dc	1..300	1..300	1..75	1..300	1..75
Voltage	V ac	1..250	1..250	1..60	1..250	1..60
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm2	0,34	0,34	0,25	0,34	0,25
Cable	AVG	22	22	24	22	24
Shielding type					A	A

Circuit code		613	614	623	624	633
Indication		LED	LED	LED	LED	LED
Poles		3	4	3	4	3
Voltage	V dc	10..30	10..30	10..30	10..30	10..30
Voltage	V ac	-	-	-	-	-
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm2	0,34	0,34	0,34	0,34	0,34
Cable	AVG	22	22	22	22	22
Shielding type						

Circuit code		644
Indication		LED
Poles		4
Voltage	V dc	10..30
Voltage	V ac	-
Max current	A	4
Protection		IP68
Temperature	°C	-25..+90
Cable	mm2	0,34
Cable	AVG	22
Shielding type		

Wire colours:  
1 = brown  
2 = white  
3 = blue  
4 = black  
5 = grey

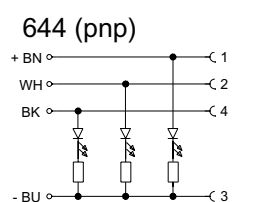
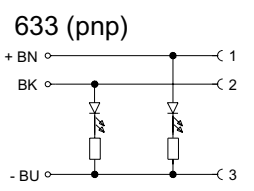
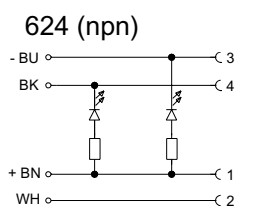
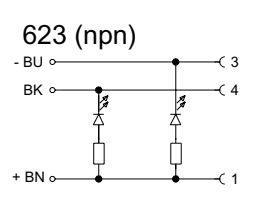
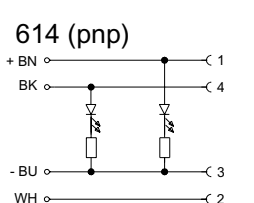
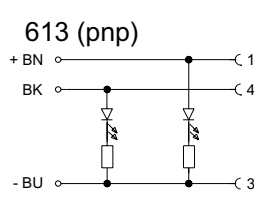
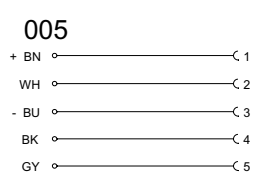
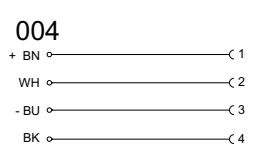
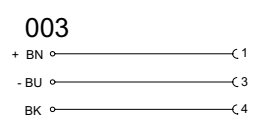
Self - securing lock nut

High flexible cable  
VDE 0295 - class 6  
See cables on page 5-11

LED colour:  
Green = supply  
Yellow = signal

See more details on page 5-1 and 5-2

Shielding type = A  
The shield is copper, wire diameter 0,1, coverage 85%, and is connected to the nut.



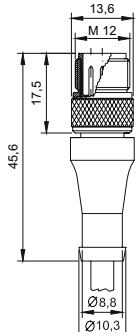


# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - STRAIGHT WITH 3, 4 OR 5 POLES, WITH CABLE

### RDLM

Male



Circuit code		003	004	005	304	305
Indication		-	-	-	-	-
Poles		3	4	5	4	5
Voltage	V dc	1..300	1..300	1..75	1..300	1..75
Voltage	V ac	1..250	1..250	1..60	1..250	1..60
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm2	0,34	0,34	0,25	0,34	0,25
Cable	AVG	22	22	24	22	24
Shielding type					A	A

Wire colours:  
1 = brown  
2 = white  
3 = blue  
4 = black  
5 = grey

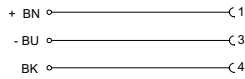
Self - securing lock nut

High flexible cable  
VDE 0295 - class 6  
See cables on page 5-11

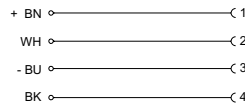
See more details on page 5-1 and 5-2

Shielding type = A  
The shield is copper, wire diameter 0,1, coverage 85%, and is connected to the nut.

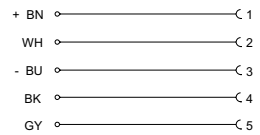
#### 003



#### 004



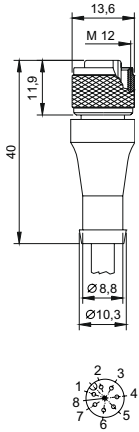
#### 005



# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - STRAIGHT WITH 8 POLES, WITH CABLE

### RDLF Female



Circuit code		008	308
Indication		-	-
Poles		8	8
Voltage	V dc	1..36	1..36
Voltage	V ac	1..30	1..30
Max current	A	2	2
Protection		IP68	IP68
Temperature	°C	-25..+90	-25..+90
Cable	mm2	0,25	0,25
Cable	AVG	24	24
Shielding type			A

#### Wire colours:

- 1 = white
- 2 = brown
- 3 = green
- 4 = yellow
- 5 = grey
- 6 = pink
- 7 = blue
- 8 = red

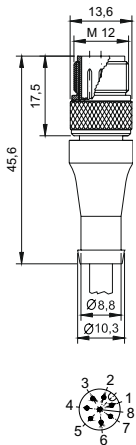
Self - securing lock nut

High flexible cable  
VDE 0295 - class 6  
See cables on page 5-11

See more details on page 5-1 and 5-2

Shielding type = A  
The shield is copper, wire diameter 0,1, coverage 85%, and is connected to the nut.

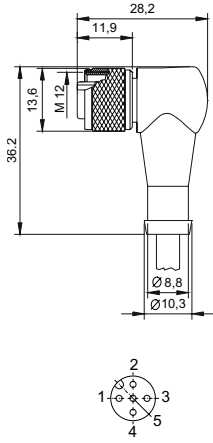
### RDLM Male



## IEC 60947-5-2 ROUND CONNECTORS

### STYLE M12 - 90° WITH 3, 4 OR 5 POLES, WITH CABLE

#### RDMF Female



Circuit code		003	004	005	304	305
Indication		-	-	-	-	-
Poles		3	4	5	4	5
Voltage	V dc	1..300	1..300	1..75	1..300	1..75
Voltage	V ac	1..250	1..250	1..60	1..250	1..60
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm2	0,34	0,34	0,25	0,34	0,25
Cable	AVG	22	22	24	22	24
Shielding type					A	A

Circuit code		613	614	623	624	633
Indication		LED	LED	LED	LED	LED
Poles		3	4	3	4	3
Voltage	V dc	10..30	10..30	10..30	10..30	10..30
Voltage	V ac	-	-	-	-	-
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm2	0,34	0,34	0,34	0,34	0,34
Cable	AVG	22	22	22	22	22
Shielding type						

Circuit code		644
Indication		LED
Poles		4
Voltage	V dc	10..30
Voltage	V ac	-
Max current	A	4
Protection		IP68
Temperature	°C	-25..+90
Cable	mm2	0,34
Cable	AVG	22
Shielding type		

Wire colours:  
 1 = brown  
 2 = white  
 3 = blue  
 4 = black  
 5 = grey

Self - securing lock nut

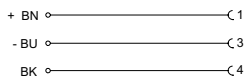
High flexible cable  
 VDE 0295 - class 6  
 See cables on page 5-11

LED colour:  
 Green = supply  
 Yellow = signal

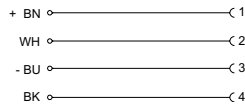
See more details on page 5-1 and 5-2

Shielding type = A  
 The shield is copper, wire diameter 0,1, coverage 85%, and is connected to the nut.

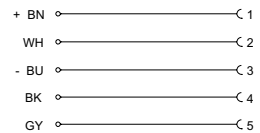
#### 003



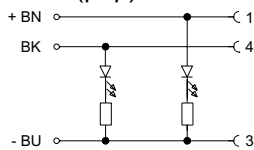
#### 004



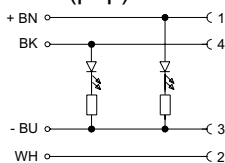
#### 005



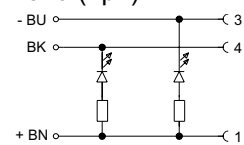
#### 613 (pnp)



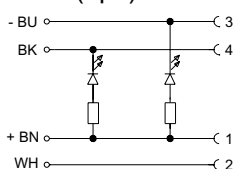
#### 614 (pnp)



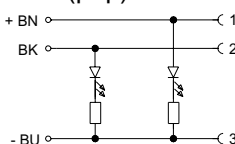
#### 623 (nnp)



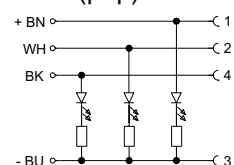
#### 624 (nnp)



#### 633 (pnp)



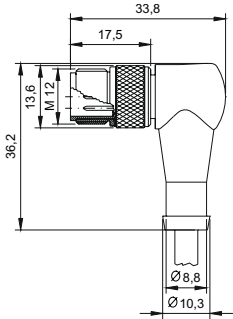
#### 644 (pnp)



# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - 90° WITH 3, 4 OR 5 POLES, WITH CABLE

### RDMM Male



Circuit code		003	004	005	304	305
Indication		-	-	-	-	-
Poles		3	4	5	4	5
Voltage	V dc	1..300	1..300	1..75	1..300	1..75
Voltage	V ac	1..250	1..250	1..60	1..250	1..60
Max current	A	4	4	4	4	4
Protection		IP68	IP68	IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90	-25..+90	-25..+90
Cable	mm <sup>2</sup>	0,34	0,34	0,25	0,34	0,25
Cable	AVG	22	22	24	22	24
Shielding type					A	A

Wire colours:  
 1 = brown  
 2 = white  
 3 = blue  
 4 = black  
 5 = grey

Self - securing lock nut

High flexible cable  
 VDE 0295 - class 6  
 See cables on page 5-11

See more details on page 5-1  
 and 5-2

Shielding type = A  
 The shield is copper,  
 wire diameter 0,1,  
 coverage 85%,  
 and is connected to the nut.

**003**  
 + BN ○ ————— C 1  
 - BU ○ ————— C 3  
 BK ○ ————— C 4

**004**  
 + BN ○ ————— C 1  
 WH ○ ————— C 2  
 - BU ○ ————— C 3  
 BK ○ ————— C 4

**005**  
 + BN ○ ————— C 1  
 WH ○ ————— C 2  
 - BU ○ ————— C 3  
 BK ○ ————— C 4  
 GY ○ ————— C 5

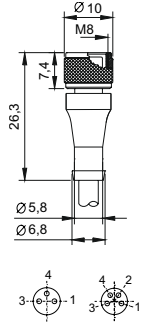


# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M8 - STRAIGHT WITH 3 OR 4 POLES, WITH CABLE

### RELF

Female with self-securing nut



Circuit code		003	004
Indication		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP68	IP68
Temperature	°C	-25..+90	-25..+90
Cable	mm2	0,25	0,25
Cable	AVG	24	24

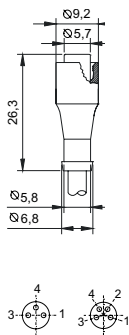
Wire colours:  
1 = brown  
2 = white  
3 = blue  
4 = black

High flexible cable  
VDE 0295 - class 6  
See cables on page 5-11

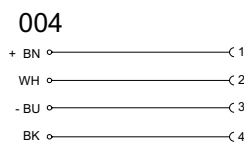
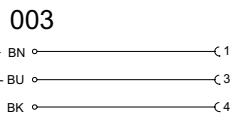
See more details on page 5-1 and 5-2

### RENF

Female snap-in



Circuit code		003	004
Indication		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP65	IP65
Temperature	°C	-25..+90	-25..+90
Cable	mm2	0,25	0,25
Cable	AVG	24	24



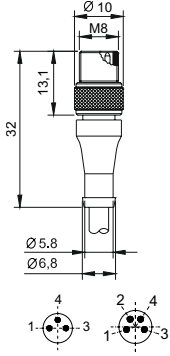


# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M8 - STRAIGHT WITH 3 OR 4 POLES, WITH CABLE

### RELM

Male with self-securing nut



Circuit code		003	004
Indication		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP68	IP68
Temperature	°C	-25..+90	-25..+90
Cable	mm2	0,25	0,25
Cable	AVG	24	24

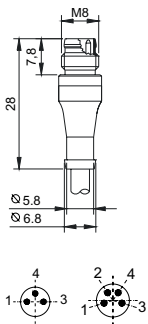
Wire colours:  
 1 = brown  
 2 = white  
 3 = blue  
 4 = black

High flexible cable  
 VDE 0295 - class 6  
 See cables on page 5-11

See more details on page 5-1 and 5-2

### RENM

Male snap-in



Circuit code		003	004
Indication		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP65	IP65
Temperature	°C	-25..+90	-25..+90
Cable	mm2	0,25	0,25
Cable	AVG	24	24

003

+ BN ○ ————— < 1  
 - BU ○ ————— < 3  
 BK ○ ————— < 4

004

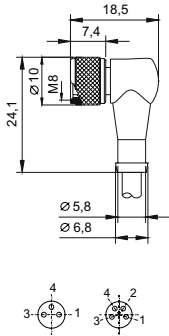
+ BN ○ ————— < 1  
 WH ○ ————— < 2  
 - BU ○ ————— < 3  
 BK ○ ————— < 4

# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M8 - 90° WITH 3 OR 4 POLES, WITH CABLE

### REMF

Female with self-securing nut



Circuit code		003	004	613
Indication		-	-	LED
Poles		3	4	3
Voltage	V dc	1..75	1..75	10..30
Voltage	V ac	1..60	1..60	-
Max current	A	4	4	4
Protection		IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90
Cable	mm2	0,25	0,25	0,25
Cable	AVG	24	24	24

Wire colours:  
1 = brown  
2 = white  
3 = blue  
4 = black

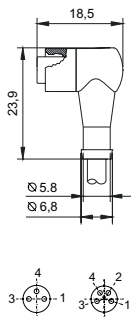
High flexible cable  
VDE 0295 - class 6  
See cables on page 5-11

LED colour:  
Green = supply  
Yellow = signal

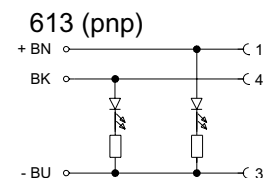
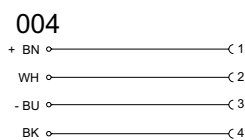
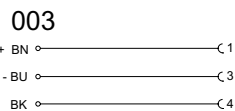
See more details on page 5-1 and 5-2

### REQF

Female snap-in



Circuit code		003	004	613
Indication		-	-	LED
Poles		3	4	3
Voltage	V dc	1..75	1..75	10..30
Voltage	V ac	1..60	1..60	-
Max current	A	4	4	4
Protection		IP65	IP65	IP65
Temperature	°C	-25..+90	-25..+90	-25..+90
Cable	mm2	0,25	0,25	0,25
Cable	AVG	24	24	24



# IEC 60947-5-2 ROUND CONNECTORS

## CABLE FOR M12 AND M8 CONNECTORS

### Cable code table

Sect. mm <sup>2</sup>	Material	Poles				
		2	3	4	5	8
0,25	PUR / PVC 90°C		245	246	241	242
0,25	PUR / PVC 90°C S (*)				251	252
0,25	PVC 90°C	209	205	206	201	
0,25	PVC 90°C CEI		225	226	221	223
0,34	PUR / PVC 90°C		341	342		
0,34	PUR / PVC 90°C S (*)			351		
0,34	PVC 90°C		301	302		
0,34	PVC 90°C CEI	316	321	322		
0,34	PVC 90°C CEI S (*)			362		

Colours up to 5 wires

1 bn = brown  
2 wh = white  
3 bu = blue  
4 bk = black  
5 gy = grey

Colours over 5 wires (DIN 4700)

1 wh = white  
2 bn = brown  
3 gn = green  
4 yw = yellow  
5 gy = grey  
6 pk = pink  
7 bu = blue  
8 rd = red

Notes:

(\*) S = Shielding: copper wire,  
diameter 0,1 coverage 85%

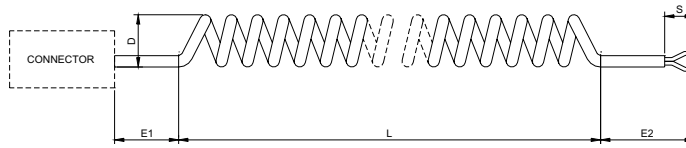
(\*\*) See on page 7.3, "Use of cables in  
mobile laying"

### Cable characteristic table

Cable code	Material	Wires	Section mm <sup>2</sup>	AWG Size	Suitable for power chain (copper class 6)	Non fire propagating CEI 20-22 II	Sheat colour RAL	Wires colour	External diameter mm	Temperature °C	
										Mobile laying	Fixed laying
201	PVC 90°C	5	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk,wh,gy	4,8	-15...+90	-25...+90
205	PVC 90°C	3	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk	4,0	-15...+90	-25...+90
206	PVC 90°C	4	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk,wh	4,4	-15...+90	-25...+90
209	PVC 90°C	2	0,25 (32 x 0,10)	24	●		bk	bn, bu	3,5	-15...+90	-25...+90
221	PVC 90°C CEI	5	0,25 (32 x 0,10)	24	●	●	gy 7035	bn,bu,bk,wh,gy	4,8	-15...+90	-25...+90
223	PVC 90°C CEI	8	0,25 (32 x 0,10)	24	●	●	gy 7035	DIN 4700	5,7	-15...+90	-25...+90
225	PVC 90°C CEI	3	0,25 (32 x 0,10)	24	●	●	gy 7035	bn,bu,bk	4,0	-15...+90	-25...+90
226	PVC 90°C CEI	4	0,25 (32 x 0,10)	24	●	●	gy 7035	bn,bu,bk,wh	4,4	-15...+90	-25...+90
241	PUR / PVC 90°C	5	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk,wh,gy	4,8	-15...+90	-25...+90
242	PUR / PVC 90°C	8	0,25 (32 x 0,10)	24	●		bk	DIN 4700	5,7	-15...+90	-25...+90
245	PUR / PVC 90°C	3	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk	4,0	-15...+90	-25...+90
246	PUR / PVC 90°C	4	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk,wh	4,4	-15...+90	-25...+90
251	PUR / PVC 90°C S (*)	5	0,25 (32 x 0,10)	24	●		bk	bn,bu,bk,wh,gy	5,5	-15...+90	-25...+90
252	PUR / PVC 90°C S (*)	8	0,25 (32 x 0,10)	24	●		bk	DIN 4700	6,4	-15...+90	-25...+90
301	PVC 90°C	3	0,34 (42 x 0,10)	22	●		bk	bn,bu,bk	4,8	-15...+90	-25...+90
302	PVC 90°C	4	0,34 (42 x 0,10)	22	●		bk	bn,bu,bk,wh	5,2	-15...+90	-25...+90
316	PVC 90°C CEI	2	0,34 (42 x 0,10)	22	●	●	gy 7035	bn, bu	4,6	-15...+90	-25...+90
321	PVC 90°C CEI	3	0,34 (42 x 0,10)	22	●	●	gy 7035	bn,bu,bk	4,8	-15...+90	-25...+90
322	PVC 90°C CEI	4	0,34 (42 x 0,10)	22	●	●	gy 7035	bn,bu,bk,wh	5,2	-15...+90	-25...+90
341	PUR / PVC 90°C	3	0,34 (42 x 0,10)	22	●		bk	bn,bu,bk	4,8	-15...+90	-25...+90
342	PUR / PVC 90°C	4	0,34 (42 x 0,10)	22	●		bk	bn,bu,bk,wh	5,2	-15...+90	-25...+90
351	PUR / PVC 90°C S (*)	4	0,34 (42 x 0,10)	22	●		bk	bn,bu,bk,wh	5,7	-15...+90	-25...+90
362	PVC 90°C CEI S (*)	4	0,34 (42 x 0,10)	22	●	●	gy 7035	bn,bu,bk,wh	5,7	-15...+90	-25...+90

# IEC 60947-5-2 ROUND CONNECTORS

## SPIRAL CABLES



### Cable characteristic table

Cable code	Material	Wires	Section mm <sup>2</sup>	AWG Size	Suitable for power chain (copper class 6)	Non fire propagating CEI 20-22 II	Sheat colour RAL	Wires colour	Diameter mm	Temperature °C	
										Mobile laying	Fixed laying
344	PUR Halogen Free	4	0,34 (42 x 0,10)	22	●	-	gy	bn,bu,bk,wh	5,2	-25...+90	-40...+90

### Spiral dimension table

Order Description		Dimensions					
Code	Length	D mm	E1 mm	L retracted mm	L extended mm	E2 mm	S mm
344	1800	21	200	300	1000	600	35
344	2800	21	200	600	2000	600	35
344	3800	21	200	900	3000	600	35

Order example (see page 5.1) for round connector with spiral cable:  
 RDMF 00400 344 2800

## ETHERNET CABLES FOR DATA TRANSMISSION

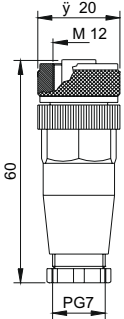
Ethernet 4x2, size 24 AWG cables are available. They are connected to 8 poles round connector. Cables have twisted pair wires according to ISO standard for fast data transmission

# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - WITH 4 OR 5 POLES, WITH SCREWED TERMINALS

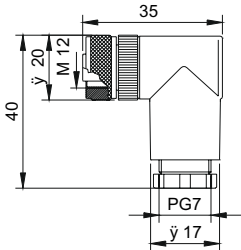
### RDJF

Female straight



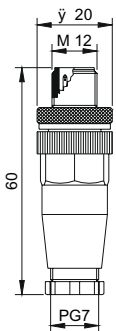
### RDKF

Female 90°



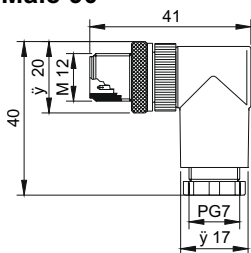
### RDJM

Male straight

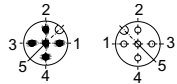


### RDKM

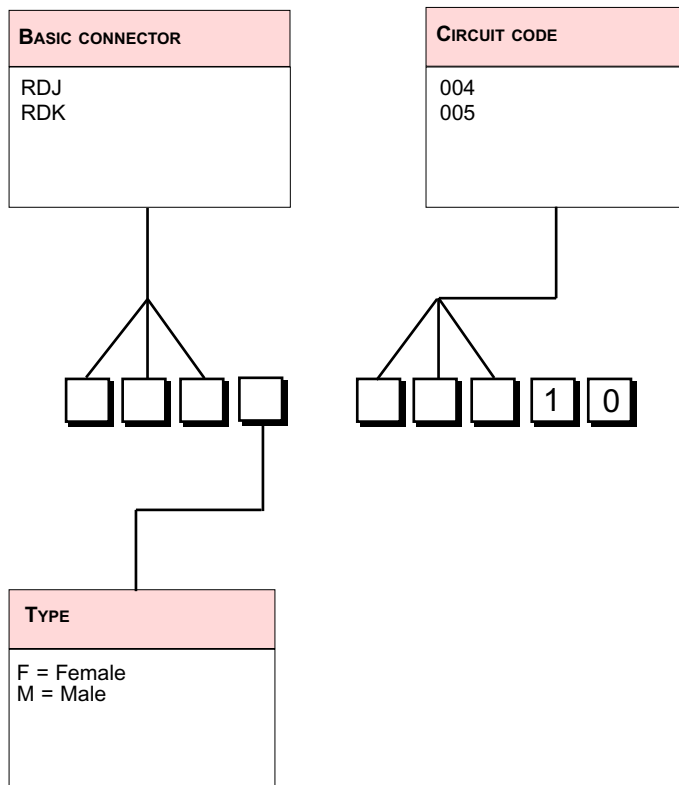
Male 90°



Circuit code		004	005
Indication		-	-
Poles		4	5
Voltage	V dc	1..150	1..36
Voltage	V ac	1..125	1..30
Max current	A	4	4
Protection		IP67	IP67
Temperature	°C	-25..+90	-25..+90
Ext. Cable diam	mm	3..6,5	3..6,5
Max wire section	mm2	0,75	0,75



Self securing locking nut

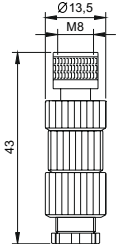


# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M8 - WITH 4 OR 5 POLES, WITH PIN PENETRATION TERMINALS

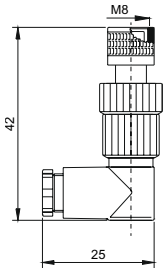
### REJF

Female straight



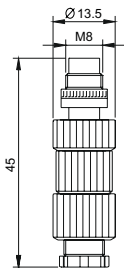
### REKF

Female 90°



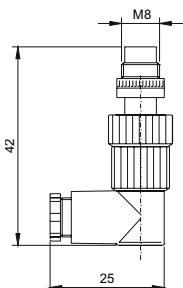
### REJM

Male straight



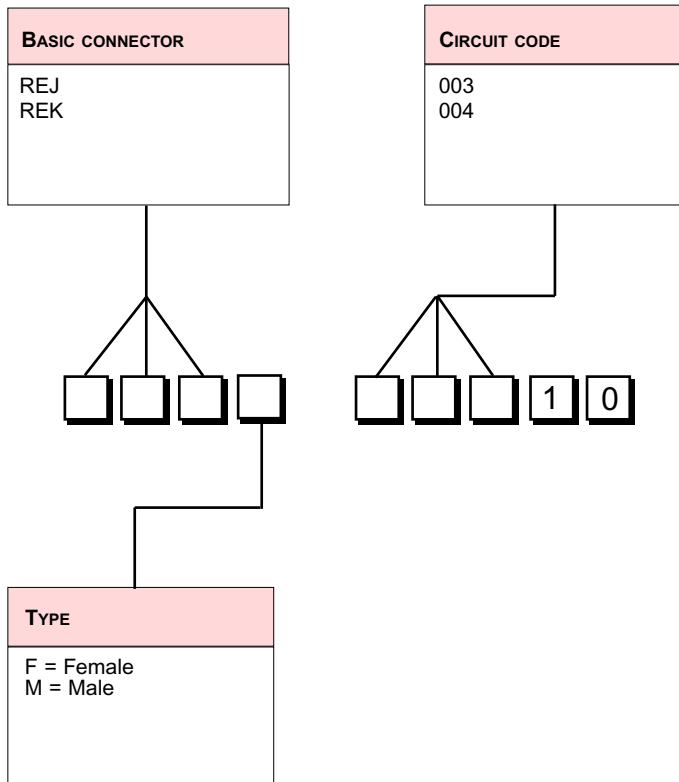
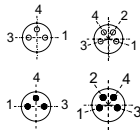
### REKM

Male 90°



Circuit code		003	004
Indication		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP67	IP67
Temperature	°C	-25..+90	-25..+90
Wire diameter	mm	1,00..1,55	1,00..1,55
Ext. Cable diam	mm	3..5	3..5
Max wire section	mm2	0,34	0,34

Self securing locking nut

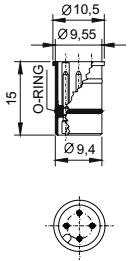


# IEC 60947-5-2 ROUND CONNECTORS

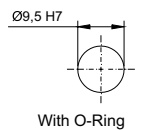
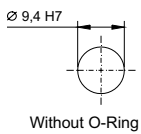
## STYLE M12 - FOR FIXED PANEL

### RDM

Tube insert without thread

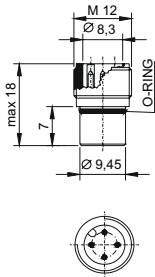


#### Mounting hole

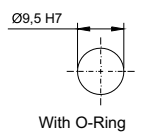
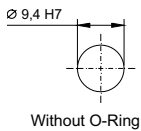


### RDBM

Tube insert with M12 thread



#### Mounting hole



Circuit code		00410	00420
Cable code		-	-
Led colour		-	-
Poles		4	4
Voltage	V dc	1..125	1..125
Voltage	V ac	1..110	1..110
Max current	A	4	4
Protection		IP68	IP68
Temperature	°C	-25..+90	-25..+90
Max wire section	mm2	0,50	0,50
O-Ring		●	-

**Material quality:**  
 Contact holder: Polyamide  
 O-ring: Viton  
 Contacts: prenicked and gold-plated brass

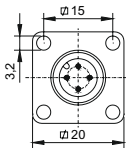
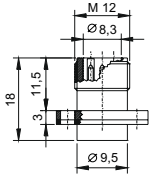
Circuit code		00410	59411	59412
Cable code		-	-	-
Led colour		-	yellow	red
Poles		4	4	4
Voltage	V dc	1..125	10..30	10..30
Voltage	V ac	1..110	-	-
Max current	A	4	4	4
Protection		IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90
Max wire section	mm2	0,50	0,50	0,50
O-Ring		●	●	●

# IEC 60947-5-2 ROUND CONNECTORS

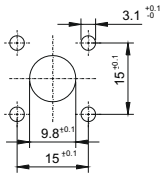
## STYLE M12 - FOR FIXED PANEL

### RDDM

**Square flange front mounting**



### Mounting hole



<b>Circuit code</b>	<b>00410</b>	
Cable code	-	
Led colour	-	
Poles	4	
Voltage	V dc	1..125
Voltage	V ac	1..110
Max current	A	4
Protection	IP68	
Temperature	°C	-25..+90
Max wire section	mm2	0,50
O-Ring	●	

### Material quality:

Contact holder: Polyammide  
 O-ring: Viton  
 Contacts: prenicked and gold-plated brass

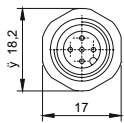
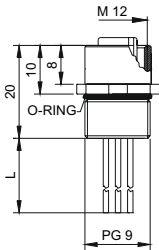


# IEC 60947-5-2 ROUND CONNECTORS

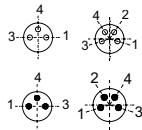
## STYLE M12 - FOR FIXED PANEL

### RDEF

**PG9 single hole female**



Circuit code		00400	00500	00800
Cable code		3A1	3A1	2A2
Wires length L	mm	0200	0200	0200
Led colour		-	-	-
Poles		4	5	8
Voltage	V dc	1..300	1..36	1..36
Voltage	V ac	1..250	1..30	1..30
Max current	A	4	4	2
Protection		IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90
Wire section	mm <sup>2</sup>	0,34	0,34	0,25
O-Ring		●	●	●



### Material quality:

Contact holder: TPU  
 O-ring: Viton  
 Body: nikelated brass  
 Contacts: preniked and gold-plated brass

Rear nut sold separately

### Wires colour

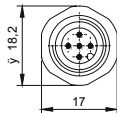
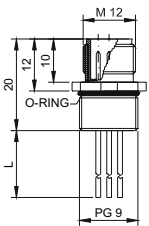
Code 3A1  
 1 = brown  
 2 = white  
 3 = blue  
 4 = black  
 5 = grey

### Code 2A2

1 = white  
 2 = brown  
 3 = green  
 4 = yellow  
 5 = grey  
 6 = pink  
 7 = blue  
 8 = red

### RDEM

**PG9 single hole male**

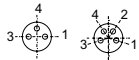
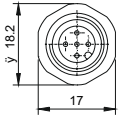
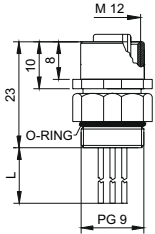


# IEC 60947-5-2 ROUND CONNECTORS

## STYLE M12 - FOR FIXED PANEL

### RDGF

PG9 single hole  
rear mounting  
key way orientation  
female



Circuit code		00400	00500	00800
Cable code		3A1	3A1	2A2
Wires length L	mm	0200	0200	0200
Led colour		-	-	-
Poles		4	5	8
Voltage	V dc	1..300	1..36	1..36
Voltage	V ac	1..250	1..30	1..30
Max current	A	4	4	2
Protection		IP68	IP68	IP68
Temperature	°C	-25..+90	-25..+90	-25..+90
Wire section	mm <sup>2</sup>	0,34	0,34	0,25
O-Ring		●	●	●

### Material quality:

Contact holder: TPU  
O-ring: Viton  
Body: nikelled brass  
Contacts: preniked and gold-plated brass

Rear nut sold separately

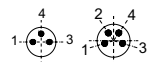
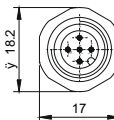
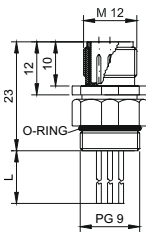
### Wires colour

Code 3A1  
1 = brown  
2 = white  
3 = blue  
4 = black  
5 = grey

Code 2A2  
1 = white  
2 = brown  
3 = green  
4 = yellow  
5 = grey  
6 = pink  
7 = blue  
8 = red

### RDGM

PG9 single hole  
rear mounting  
key way orientation  
male

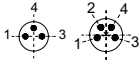
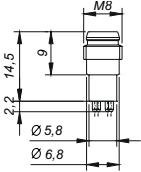


# IEC 60947-5-2 ROUND CONNECTORS

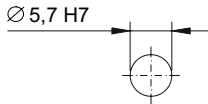
## STYLE M8 - FOR FIXED PANEL

### REBM

Tube insert with  
M8 thread  
male



### Mounting hole



Circuit code		00310	00410
Cable code		-	-
Wires length L	mm	-	-
Led hole		●	●
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP67	IP67
Temperature	°C	-25..+90	-25..+90
Max wire section	mm <sup>2</sup>	0,25	0,25

### Material quality:

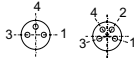
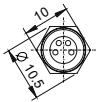
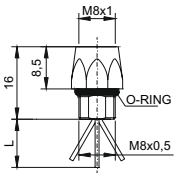
Contact holder: Polyamide  
Contacts: prenicked and gold-plated brass

# IEC 60947-5-2 ROUND CONNECTORS

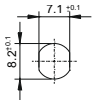
## STYLE M8 - FOR FIXED PANEL

### REEF

Single hole  
female

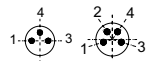
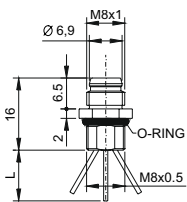


Mounting hole

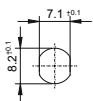


### REEM

Single hole  
male



Mounting hole



Circuit code		00300	00400
Cable code		2A1	2A1
Wires length L	mm	0200	0200
Led hole		-	-
Poles		3	4
Voltage	V dc	1..75	1..75
Voltage	V ac	1..60	1..60
Max current	A	4	4
Protection		IP67	IP67
Temperature	°C	-25..+90	-25..+90
Wire section	mm <sup>2</sup>	0,25	0,25

#### Material quality:

Contact holder: TPU  
 O-ring: Viton  
 Body: nikel brass  
 Contacts: preniked and gold-plated brass

Rear nut sold separately

#### Wires colour

Code 2A1  
 1 = brown  
 2 = white  
 3 = blue  
 4 = black

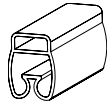
# IEC 60947-5-2 ROUND CONNECTORS

## ACCESSORIES

### 1408

**Transparent marking sleeve**

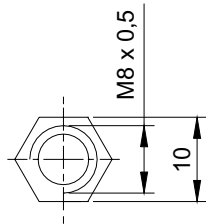
Code		318	330	418	430
Cable diameter	mm	4..6,5	4..6,5	6..10	6..10
Length	mm	18	30	18	30
Material		PVC	PVC	PVC	PVC



It is used to mark cables with letters and numbers. It is possible to order the connector with this item already assembled on the cable

### 1406.0805

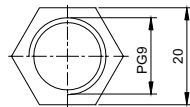
**Nut for fixed panel connector style M8**



Material: nickeled brass

### 1406.PG9

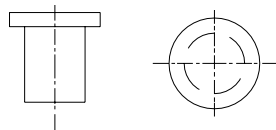
**Nut for fixed panel connector style M12**



Material: nickeled brass

### 1407.M12

**Dust cover**



Dust cover for unused sockets