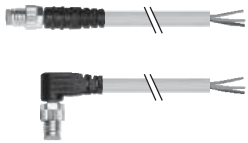


ROUND PLUG CONNECTOR M8

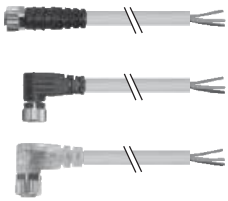
With open ended wires



Round plug connector
Male

- M8**
- Straight
 - 90°

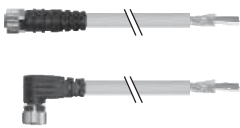
from page 3.1.8



Round plug connector
Female

- M8**
- Straight
 - 90°
 - 90° with LED

from page 3.1.10



Round plug connector
Female
(shielded)

- M8**
- Straight
 - 90°

from page 3.1.12

Field-wireable



Round plug connector
Male
Female

- M8** **Insulation displacement technology**
- Straight 0.25...0.5 mm²
 - Straight 0.25...0.5 mm²

page 3.1.14



Round plug connector
Male
Female

- M8** **Insulation displacement technology**
- Straight 0.14...0.34 mm²
 - Straight 0.14...0.34 mm²

page 3.1.15



Round plug connector
Male
Female

- M8** **Solder pins**
- Straight/90°
 - Straight/90°

from page 3.1.16



Round plug connector
Male
Female

- M8** **Screw terminals**
- Straight
 - Straight

from page 3.1.18











Round plug connector
Male (shielded)
Female (shielded)

- M8** **Screw terminals**
- Straight
 - Straight

from page 3.1.19

ROUND PLUG CONNECTOR M8

Connection cable					
   		Round plug connector Male Straight	M8 •	Round plug connector Female	M8 • Straight • 90° • 90° with LED
					from page 3.1.20
   		Round plug connector Male	M8 • Straight • 90°	Round plug connector Female	M12 • Straight • 90° • 90° with LED
					from page 3.1.23

Round plug connector M8

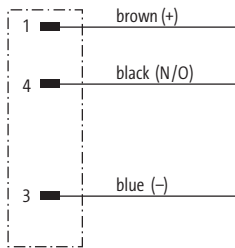
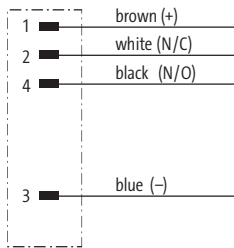
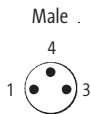
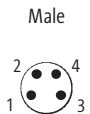
ROUND PLUG CONNECTOR M8

With open ended wires

Male
Straight



Approvals:   

1	Form	No.	08001	me \times	08011	me \times		
	Suppression		3-pole		4-pole			
	Circuit diagram							
	Contact layout		<p>Male</p> 		<p>Male</p> 			
2	Cable type	Wire diameter 0.25 mm ²	Jacket color			Jacket color		
	PVC		yellow	gray	black	yellow	gray	
	PUR/PVC		010	210	610	011	211	
	PUR (UL/CSA) *		020	220	620	021	221	
	PUR (UL/CSA) *		030	230	630	031	231	
	Robot cable (welding spark resistant) *		050	250	650	051	251	
3	Cable length							
	1.5 m		0150					
	3.0 m		0300					
	5.0 m		0500					
	7.5 m		0750					
	10.0 m		1000					
	Article no.							
	The composition of your article number is explained on page 3.1.2		7	0	0	0	-	
			1	Form	2	Cable type	3	
	Notes		Technical data in chapter 3.11. Accessories on page 3.1.25					
			Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.					

ROUND PLUG CONNECTOR M8

With open ended wires

Male
90°



Approvals:

Round plug connector M8

1 Form	No.	08021	08031				
Suppression		3-pole	4-pole				
Circuit diagram							
Contact layout		<p>Male</p>	<p>Male</p>				
2 Cable type	Jacket color	Jacket color					
Wire diameter 0.25 mm ²	yellow	gray	black	yellow	gray	black	
PVC	010	210	610	011	211	611	
PUR/PVC	020	220	620	021	221	621	
PUR (UL/CSA) *	030	230	630	031	231	631	
Robot cable (welding spark resistant) *	050	250	650	051	251	651	
3 Cable length							
1.5 m	0150						
3.0 m	0300						
5.0 m	0500						
7.5 m	0750						
10.0 m	1000						
Article no.							
The composition of your article number is explained on page 3.1.2		7 0 0 0	-	-	-	-	
		1	Form	2	Cable type	3	Cable length
Notes	<p>Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>						

ROUND PLUG CONNECTOR M8

With open ended wires

Female
Straight



Approvals:

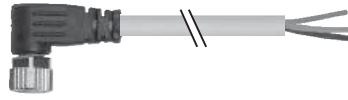


1	Form	No.	08041	me \times	08061	me \times		
	Suppression		3-pole		4-pole			
	Circuit diagram							
	Contact layout		Female. 		Female 			
2	Cable type	Jacket color	Jacket color					
	Wire diameter 0.25 mm ²	yellow	gray	black	yellow	gray	black	
	PVC	010	210	610	011	211	611	
	PUR/PVC	020	220	620	021	221	621	
	PUR (UL/CSA) *	030	230	630	031	231	631	
	Robot cable (welding spark resistant) *	050	250	650	051	251	651	
3	Cable length							
	1.5 m	0150						
	3.0 m	0300						
	5.0 m	0500						
	7.5 m	0750						
	10.0 m	1000						
Article no.								
The composition of your article number is explained on page 3.1.2		<div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - _ _ _ _ - _ _ _ </div>						
			1	Form	2	Cable type	3	Cable length
Notes		Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.						

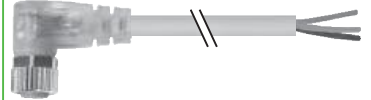
ROUND PLUG CONNECTOR M8

With open ended wires

Female
90°



Female
90°, with LED



Approvals:

Round plug connector M8

1 Form	No.	08081	meX			08101	meX			08121	meX		
Suppression		3-pole			4-pole			3-pole, with 2 x LED (PNP)					
Circuit diagram													
Contact layout		Female. 			Female. 			Female. 					
2 Cable type	Jacket color												
	Wire diameter 0.25 mm²	yellow	gray	black	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	010	210	610	011	211	611	010	210	610	010	210	610
	PUR/PVC	020	220	620	021	221	621	020	220	620	020	220	620
	PUR (UL/CSA) *	030	230	630	031	231	631	030	230	630	030	230	630
Robot cable (welding spark resistant) *	050	250	650	051	251	651	050	250	650	050	250	650	
3 Cable length	1.5 m	0150											
	3.0 m	0300											
	5.0 m	0500											
	7.5 m	0750											
	10.0 m	1000											
Article no.	The composition of your article number is explained on page 3.1.2												
	<div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - - - - </div>												
	1 Form			2 Cable type			3 Cable length						
Notes	Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.												

ROUND PLUG CONNECTOR M8

With open ended wires

– shielded

Female

Straight



Approvals:



1 Form	No.	08045												
	Suppression	3-pole												
	Circuit diagram													
	Contact layout	<p>Female.</p>												
2 Cable type	Wire diameter 0.25 mm ²	<table border="1"> <tr> <td>black</td> </tr> <tr> <td>707</td> </tr> </table>			black	707								
	black													
707														
PUR (UL/CSA)														
3 Cable length	1.5 m	0150												
	3.0 m	0300												
	5.0 m	0500												
	7.5 m	0750												
	10.0 m	1000												
Article no.	The composition of your article number is explained on page 3.1.2	<table border="1"> <tr> <td>7</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td>---</td> <td>-</td> <td>---</td> <td>---</td> </tr> </table>			7	0	0	0	0	-	---	-	---	---
	7	0	0	0	0	-	---	-	---	---				
	1 Form	2 Cable type		3 Cable length										
Notes	<p>Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>													

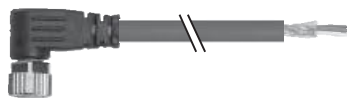
ROUND PLUG CONNECTOR M8

With open ended wires

– shielded

Female

90°



Approvals:



Round plug connector M8

1 Form	No. 08085	
Suppression	3-pole	
Circuit diagram		
Contact layout	<p>Female.</p>	
2 Cable type	Jacket color	
Wire diameter 0.25 mm ² PUR (UL/CSA)	black 707	
3 Cable length		
1.5 m	0150	
3.0 m	0300	
5.0 m	0500	
7.5 m	0750	
10.0 m	1000	
Article no.		
The composition of your article number is explained on page 3.1.2	7 0 0 0 - - - - -	- - - - -
	1 Form	2 Cable type
		3 Cable length
Notes	<p>Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>	

ROUND PLUG CONNECTOR M8

Field-wireable

– insulation displacement technology

Male
Straight



Female
Straight



Approvals:

1 Form	No.	08331 me×	08351 me×	08371 me×	08391 me×
Suppression		3-pole	4-pole	3-pole	4-pole
Circuit diagram					
Wire diameter		0.14...0.34 mm ²	0.14...0.34 mm ²	0.14...0.34 mm ²	0.14...0.34 mm ²
Contact layout		Male 	Male 	Female 	Female
Technical data					
Supply voltage		max. 32 V			
Current per contact (40 °C)		max. 4 A			
Conductor diameter		≥ 0.1 mm (acc. to VDE 0812)			
Outer wire diameter		1.0...1.7 mm			
Outer cable diameter		2.5...5.1 mm (gasket included)			
Wire isolation		PVC, PP, TPE			
Connection frequency		10 (with same cable diameter)			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-25...+85 °C			
Article no.					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		1 Form			
Notes					
		Technical data in chapter 3.11. Accessories on page 3.1.25			

ROUND PLUG CONNECTOR M8

Field-wireable

– solder pins

Male

Straight



Female

Straight



Approvals:



1 Form	No.	08401	08421	08481	08501
Suppression		3-pole	4-pole	3-pole	4-pole
Circuit diagram					
Wire diameter		max. 0.25 mm ²	max. 0.25 mm ²	max. 0.25 mm ²	max. 0.25 mm ²
Contact layout		Male 	Male 	Female 	Female
Technical data					
Supply voltage		60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
Current per contact (40 °C)		max. 4 A			
Wiring method		solder pins			
Clamping range: Cable exit		3.5...5.0 mm			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-40...+85 °C			
Article no.					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	— — — — —	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
			1 Form		
Notes		Technical data in chapter 3.11. Accessories on page 3.1.25			

ROUND PLUG CONNECTOR M8

Field-wireable
– solder pins

Male
90°



Female
90°



Approvals:



Round plug connector M8

1 Form	No.	08441	08461	08521	08541
Suppression		3-pole	4-pole	3-pole	4-pole
Circuit diagram					
Wire diameter		max. 0.25 mm ²	max. 0.25 mm ²	max. 0.25 mm ²	max. 0.25 mm ²
Contact layout		Male 	Male 	Female 	Female
Technical data					
Supply voltage		60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
Current per contact (40 °C)		max. 4 A			
Wiring method		solder pins			
Clamping range: Cable exit		3.5...5.0 mm			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-40...+85 °C			
Article no.					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		1 Form			
Notes		Technical data in chapter 3.11. Accessories on page 3.1.25			

ROUND PLUG CONNECTOR M8

Field-wireable
– screw terminals

Male
Straight

Female
Straight



Approvals:

1 Form	No.	08601	08611	08621	08631
Suppression		3-pole	4-pole	3-pole	4-pole
Circuit diagram					
Wire diameter		0.14...0.5 mm ²	0.14...0.5 mm ²	0.14...0.5 mm ²	0.14...0.5 mm ²
Contact layout		Male 	Male 	Female 	Female
Technical data					
Supply voltage		60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
Current per contact (40 °C)		max. 4 A			
Wiring method		screw terminals			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-25...+85 °C			
Clamping range: Cable exit		3.5...5.0 mm			
Article no.					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	— — — — —	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
			1 Form		
Notes		Technical data in chapter 3.11. Accessories on page 3.1.25			

ROUND PLUG CONNECTOR M8

Field-wireable

– screw terminals

– shielded

Male

Straight



Female

Straight



Approvals:



Round plug connector M8

1 Form	No.	08641	08651	08661	08671
Suppression		3-pole	4-pole	3-pole	4-pole
Circuit diagram					
Wire diameter		0.14...0.5 mm ²	0.14...0.5 mm ²	0.14...0.5 mm ²	0.14...0.5 mm ²
Contact layout		Male 	Male 	Female 	Female
Technical data					
Supply voltage		60 V AC/DC	30 V AC/DC	60 V AC/DC	30 V AC/DC
Current per contact (40 °C)		max. 4 A			
Wiring method		screw terminals			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-25...+85 °C			
Clamping range: Cable exit		3.5...5.5 mm			
Article no.					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		1 Form			
Notes		Technical data in chapter 3.11. Accessories on page 3.1.25			

ROUND PLUG CONNECTOR M8

Connection cable

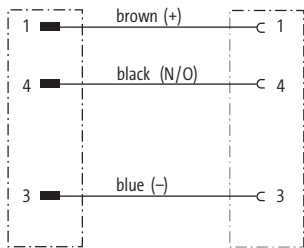
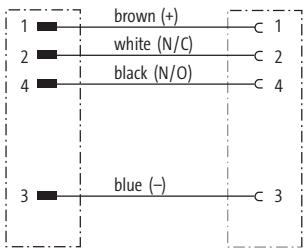
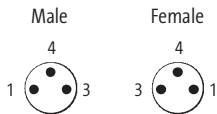
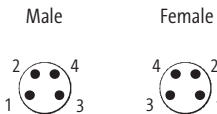
- M8 - M8

Male
Straight

Female
Straight



Approvals:   

1 Form	No.	88001	meX	88011			
Suppression		3-pole		4-pole			
Circuit diagram							
Contact layout							
2 Cable type	Wire diameter 0.25 mm ²	Jacket color			Jacket color		
	PVC	yellow	gray	black	yellow	gray	black
	PUR/PVC	010	210	610	011	211	611
	PUR (UL/CSA) *	020	220	620	021	221	621
	Robot cable (welding spark resistant) *	030	230	630	031	231	631
		050	250	650	051	251	651
3 Cable length							
	0.3 m	0030					
	0.6 m	0060					
	1.0 m	0100					
	1.5 m	0150					
	2.0 m	0200					
Article no.							
The composition of your article number is explained on page 3.1.2		<div style="display: flex; justify-content: space-around; align-items: center;"> 7 0 0 0 - _ _ _ _ - _ _ _ </div>					
		1 Form		2 Cable type		3 Cable length	
Notes							
		Technical data in chapter 3.1.1. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.					

ROUND PLUG CONNECTOR M8

Connection cable

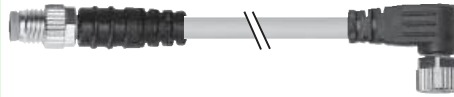
- M8 - M8

Male

Straight

Female

90°



Approvals:



Round plug connector M8

1 Form	No.	88021	meX	88031		
Suppression		3-pole		4-pole		
Circuit diagram						
Contact layout		<p>Male</p> <p>Female</p>		<p>Male</p> <p>Female</p>		
2 Cable type	Jacket color	Jacket color				
Wire diameter 0.25 mm ²	yellow	gray	black	yellow	gray	black
PVC	010	210	610	011	211	611
PUR/PVC	020	220	620	021	221	621
PUR (UL/CSA) *	030	230	630	031	231	631
Robot cable (welding spark resistant) *	050	250	650	051	251	651
3 Cable length						
0.3 m	0030					
0.6 m	0060					
1.0 m	0100					
1.5 m	0150					
2.0 m	0200					
Article no.						
The composition of your article number is explained on page 3.1.2		7 0 0 0	-	-	-	-
			1 Form	2 Cable type	3 Cable length	
Notes						
		Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.				

ROUND PLUG CONNECTOR M8

Connection cable

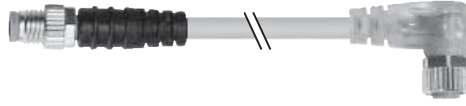
- M8 - M8

Male

Straight

Female

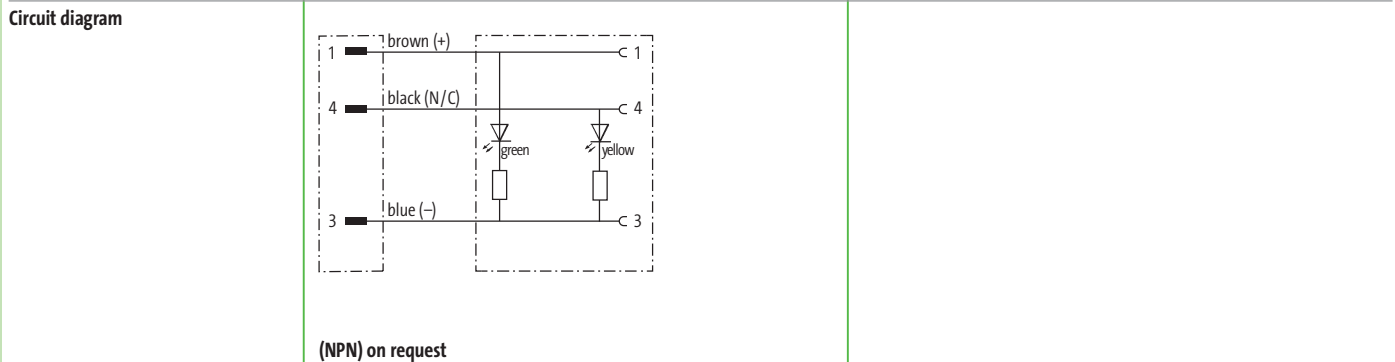
90°, with LED



Approvals:   

1 Form No. **88041** **mex**

Suppression 3-pole with 2 x LED (PNP)



2 Cable type Jacket color

Wire diameter 0.25 mm ²	yellow	gray	black
PVC	010	210	610
PUR/PVC	020	220	620
PUR (UL/CSA) *	030	230	630
Robot cable (welding spark resistant) *	050	250	650

3 Cable length

0.3 m	0030
0.6 m	0060
1.0 m	0100
1.5 m	0150
2.0 m	0200

Article no.

The composition of your article number is explained on page 3.1.2

7 0 0 0 - - - - -

1 Form **2 Cable type** **3 Cable length**

Notes

Technical data in chapter 3.11. Accessories on page 3.1.25
Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.

ROUND PLUG CONNECTOR M8

Connection cable

– M8 - M12

Male
Straight

Female
Straight



Approvals:

Round plug connector M8

1 Form	No.	88241	me \times	88251	me \times	
Suppression		3-pole		4-pole		
Circuit diagram						
Contact layout						
2 Cable type	Jacket color	Jacket color				
Wire diameter 0.25 mm ²	yellow	gray	black	yellow	gray	black
PVC	010	210	610	011	211	611
PUR/PVC	020	220	620	021	221	621
PUR (UL/CSA) *	030	230	630	031	231	631
Robot cable (welding spark resistant) *	050	250	650	051	251	651
3 Cable length						
0.3 m	0030					
0.6 m	0060					
1.0 m	0100					
1.5 m	0150					
2.0 m	0200					
Article no.						
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	-	-	-
			1	Form	2	Cable type
					3	Cable length
Notes						
		Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.				

ROUND PLUG CONNECTOR M8

Connection cable

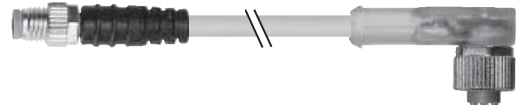
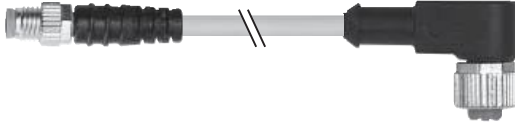
- M8 - M12

Male
Straight

Female
90°

Male
Straight

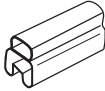


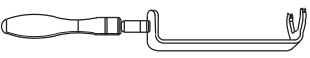
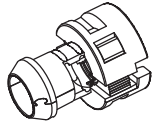
Female
90° with LED



Approvals:

1 Form	No.	88261			meX			88281				
	Suppression	3-pole						3-pole with 2 x LED (PNP)				
	Circuit diagram											
Contact layout												
2 Cable type	Jacket color											
	Wire diameter 0.25 mm ²	yellow	gray	black	yellow	gray	black	yellow	gray	black		
	PVC	010	210	610	010	210	610	010	210	610		
	PUR/PVC	020	220	620	020	220	620	020	220	620		
	PUR (UL/CSA) *	030	230	630	030	230	630	030	230	630		
Robot cable (welding spark resistant) *	050	250	650	050	250	650	050	250	650			
3 Cable length	0.3 m	0030										
	0.6 m	0060										
	1.0 m	0100										
	1.5 m	0150										
	2.0 m	0200										
	Article no.	The composition of your article number is explained on page 3.1.2										
	7 0 0 0			-			-			-		
	1 Form			2 Cable type			3 Cable length					
Notes	Technical data in chapter 3.11. Accessories on page 3.1.25 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.											

ACCESSORIES

Labeling accessories		Art.-No.	suitable for
	Slip-on cable sleeves (for label plates 4 x 18 mm)	7000-99004-000 0000	Cable diameter 4.0...6.5 mm
	Snap-on cable sleeves (for label plates 4 x 18 mm)	7000-99005-000 0000 7000-99006-000 0000	Cable diameter 4.2...5.6 mm Cable diameter 5.0...7.0 mm
	ACS label plates, self marking 4 x 18 mm	7000-99002-000 0000	Cable sleeves on cable
Mounting accessories		Art.-No.	suitable for
	M8 torque wrench (torque calibrated 0.4 Nm)	7000-99101-000 0000	Round plug connector M8
End fitting accessories		Art.-No.	suitable for
	Snap-on adapter for conduits (NG 13)	7000-99081-000 0000	Round plug connector with cable (cable diameter 4.0...7.0 mm)
Notes			