

Round plug connector M8



for field wiring
with isolation displacement
technology

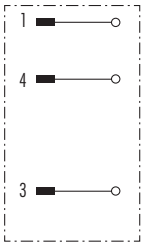
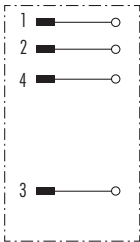
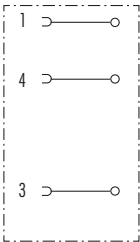
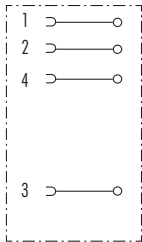
Male
straight



Female
straight



Approvals:

1	Form	No.	08321	08341	08361	08381
	Suppression/Circuit diagram		3-pole	4-pole	3-pole	4-pole
						
	Wire diameter		0.25...0.5 mm²	0.25...0.5 mm²	0.25...0.5 mm²	0.25...0.5 mm²
	Contact layout					
Technical Data						
Supply voltage		max. 32 V				
Nominal current		max. 3 A				
Voltage isolation		500 V				
Conductor diameter		≥ 0.1 mm (DIN VDE 0812)				
Outer wire diameter		1.2...1.6 mm				
Outer cable diameter		4...5.1 mm				
Wire isolation		PVC, PP, TPE				
Connection frequency		10				
Protection		IP67 when plugged and screwed down (DIN 40050)				
Temperature range		-25...+85 °C				
Combustibility class to UL 94		V0				
Your article no.						
The composition of your article number is explained on page 1.1.2		7000 Murrelektronik Standard — — — — — 000 0000				
1 Form						
Notes		Accessories and technical data in chapter 1.10.				

Round plug connector M8



for field wiring
with isolation displacement
technology

Male
straight



Female
straight



1	Form	No.	08331	08351	08371	08391
	Suppression/Circuit diagram	3-pole	4-pole		3-pole	4-pole
	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					
Technical Data						
Supply voltage			max. 32 V			
Nominal current			max. 4 A			
Voltage isolation			500 V			
Conductor diameter			≥ 0.1 mm (DIN VDE 0812)			
Outer wire diameter			1.2...1.6 mm			
Outer cable diameter			black gasket 3.2...4.4 mm, transparent gasket 4.2...5.4 mm			
Wire isolation			PVC, PP, TPE			
Connection frequency			10			
Protection			IP67			
Your article no.						
The composition of your article number is explained on page 1.1.2			7000 — — — — 000 0000 Murrelektronik Standard			
			1 Form			
Notes			Accessories and technical data in chapter 1.10.			

Round plug connector M8



for field wiring
with solder pins

Male
straight



Female
straight



1	Form	No.	08401	08421	08481	08501
	Suppression/Circuit diagram		3-pole	4-pole	3-pole	4-pole
	Wire diameter		max. 0.25 mm²	max. 0.25 mm²	max. 0.25 mm²	max. 0.25 mm²
	Contact layout					
Technical Data						
Supply voltage		60 V AC/DC				
Isolation group		category III to VDE 0110				
Current / contact (40 °C)		max. 4 A				
Wiring method		solder pins				
Protection		IP67 when plugged and screwed down (DIN 40050)				
Temperature range		-40...+85 °C				
Clamping range: Cable exist		max. 5.0 mm				
Your article no.						
The composition of your article number is explained on page 1.1.2		7000 - - 000 0000 Murrelektronik Standard				
1 Form						
Notes		Accessories and technical data in chapter 1.10.				

Round plug connector M8

for field wiring
with solder pins

Male
90°



Female
90°



1	Form	No.	08441	08461	08521	08541
	Suppression/Circuit diagram		3-pole	4-pole	3-pole	4-pole
	Wire diameter		max. 0.25 mm²	max. 0.25 mm²	max. 0.25 mm²	max. 0.25 mm²
	Contact layout					
	Technical Data					
	Supply voltage	60 V AC/DC				
	Isolation group	category III to VDE 0110				
	Current / contact (40 °C)	max. 4 A				
	Wiring method	solder pins				
Protection	IP67 when plugged and screwed down (DIN 40050)					
Temperature range	-40...+85 °C					
Clamping range: Cable exist	max. 5.0 mm					
Your article no.						
The composition of your article number is explained on page 1.1.2	7000 — — — — 000 0000 Murrelektronik Standard					
1 Form						
Notes						
Accessories and technical data in chapter 1.10.						