

8PM001.00-1

1 Order data

Model number	Short description	Figure
	Accessories	
8PM001.00-1	8-pin female Intercontec motor connector, crimping range 4x 0.5-2.5 mm ² + 4x 0.06-1.0 mm ² , for cables 9-14 mm, IP67	

Table 1: 8PM001.00-1 - Order data

2 Technical data

Model number	8PM001.00-1
General information	
Insulator	PA 6.6 / PBT, UL94/V0 listed
Contacts	8 (4 power and 4 signal contacts)
Protective ground connection on housing	According to VDE 0627
Electrical properties	
Overvoltage category	3
Power contacts	
Contact resistance	<3 mΩ
Nominal voltage	630 VAC / VDC
Nominal current	30 A
Test voltage (L - L)	6000 V
Signal contacts	
Contact resistance	<5 mΩ
Nominal voltage	250 VAC / VDC
Nominal current	10 A
Test voltage (L - L)	2500 V
Operating conditions	
Pollution degree per EN 61800-5-1	3
Degree of protection per EN 60529	IP67 when connected
Ambient conditions	
Temperature	
Operation	-20 to 130°C
Elevation	
Operation	Up to 2000 m
Mechanical properties	
Housing	
Material	Zinc die cast / brass, nickel plated
Crimping range	4x 0.5 - 2.5 mm ² + 4x 0.06 - 1 mm ²
Gasket	FPM / HNBR
Connector size	Size 1
Mating cycles	>50
Cable terminals	9.5 - 14.5 mm
Vendor information	
Manufacturer	INTERCONTEC (www.intercontec.biz)
Manufacturer's product ID	BSTA 108 FR 19 58 0036 000

Table 2: 8PM001.00-1 - Technical data

3 Dimensions

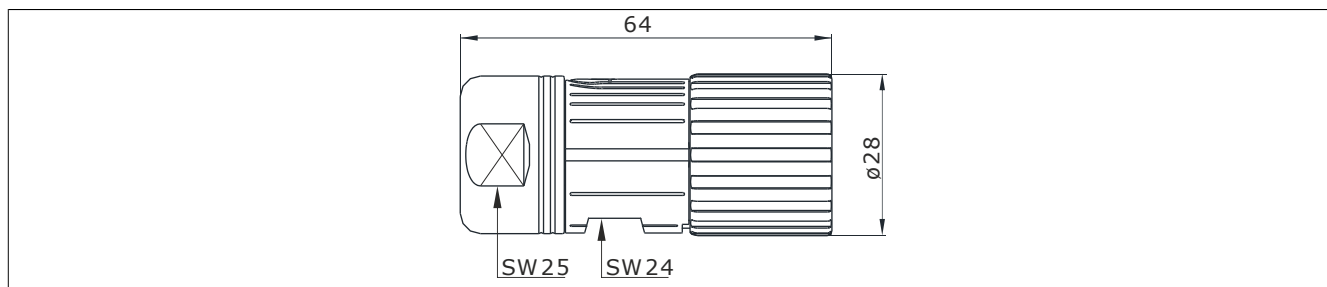


Figure 1: Dimensions - 8PM001.00-1