

8BPM0002.0000-00

1 Order data

Model number	Short description	Figure
	Accessories	
8BPM0002.0000-00	8-pin motor connector, speedtec, IP67, crimp contacts included in delivery: 4x 2.5-4.0 mm ² + 4x 0.14-1.0 mm ² , cable terminals: 14.0-17.0 mm, UL/CSA listed	

Table 1: 8BPM0002.0000-00 - Order data

2 Technical data

Model number	8BPM0002.0000-00
General information	
Insulator	PA 6.6 mod., UL 94/V0
Contacts	Brass / nickel-plated
Protective ground connection on housing	Per VDE 0627
Certification	UL / CSA
Connector size	Size 1
Number and type of contacts	8 (4 power and 4 signal contacts)
Pollution degree	3
Installation elevation	Up to 2000 m
Protection per DIN 40050	IP67 when connected
Electrical characteristics	
Overvoltage category	III
Power contacts	
Contact resistance	<3 mΩ
Nominal voltage	630 V (AC/DC)
Nominal current	Max. 30 A
Test voltage (L - L)	6000 V
Signal contacts	
Contact resistance	<5 mΩ
Nominal voltage	250 V (AC/DC)
Nominal current	Max. 7 A
Test voltage (L - L)	2500 V
Mechanical characteristics	
Housing	
Material	Zinc casting / nickel plated
Dimensions	
Length	78 mm
Diameter	28 mm
Weight	56 g
Crimp range	4x 2.5 - 4 mm ² + 4x 0.06 - 1 mm ²
Gasket	FPM
Connection cycles	>500
Cable terminals	14 - 17 mm
Temperature range	-20°C to +130°C

Table 2: 8BPM0002.0000-00 - Technical data

Information:

Using B&R connectors guarantees that the EMC limits for the connection are not exceeded. Make sure that connectors are assembled correctly and include a proper shield connection.