

# Encoder connectors

## 8BPE0001.0000-00, 8BPR0001.0000-00



General information	8BPE0001.0000-00	8BPR0001.0000-00
Insulator	PA, PBT, UL94 / V0 listed	
Contacts	Gold-plated brass	
Protective ground connection on housing	According to VDE 0627	
Certification	UL / CSA	
Connector size	Size 1	
Number and type of contacts	17 signal contacts	12 signal contacts
Degree of pollution	3	
Installation altitude	Up to 2000 m	
Protection according to DIN 40050	IP67 when connected	
Electrical properties	8BPE0001.0000-00	8BPR0001.0000-00
Overvoltage category	3	
Signal contacts		
Contact resistance	< 5 Ω	
Rated voltage	125 V	160 V
Rated current	7 A	
Test voltage (L - L)	2000 V	2500 V
Mechanical characteristics	8BPE0001.0000-00	8BPR0001.0000-00
Housing		
Item	Zinc casting, nickel plated	
Crimp range	17 x 0.06 - 1 mm <sup>2</sup>	12 x 0.06 - 1 mm <sup>2</sup>
Connection cycles	> 50	
Cable terminals	3.5 - 14.7 mm	
Temperature range	-20°C to +130°C	