

4.3 Encoder connectors

4.3.1 Order data

Model number	Short description	Figure
EnDat Connector		
8PE001.00-1	EnDat Connector 17 pin Intercontec socket, crimp range 17 x 0.06-1.0mm², for cable ø 9-12mm, IP67, UL/CSA listed	
Resolver Connector		
8PR001.00-1	Resolver connector 12 pin Intercontec socket, crimp range 12 x 0.06-1.0mm², for cable ø 5.5-10.5mm, IP67, UL/CSA listed	

Table 85: Order data - Encoder connectors

4.3.2 Technical data - EnDat connector 8PE001.00-1

Product ID	8PE001.00-1
General information	
Connector size	Size 1
Contacts	17 signal contacts
Degree of pollution	3
Installation altitude	Up to 2000 m
Insulator	PA 6.6 / PBT, UL94/V0 listed
Contacts	Gold-plated brass
Protective Ground Connection on Housing	According to VDE 0627
Protection according to DIN 40050	IP67 when connected
Certifications	UL/CSA
Electrical characteristics	
Overvoltage category	3
Signal contacts	
Rated current	9 A
Rated voltage	125 V
Test voltage (L-L)	2500 V
Contact resistance	<5 mΩ
Mechanical characteristics	
Temperature range	-20°C to +130°C
Housing material	Zinc die cast / brass, nickel plated
Gaskets	FPM / HNBR
Connection cycles	> 50
Crimp range	17 x 0.06 - 1 mm²
Cable ø	5.5 - 10.5 mm
Manufacturer information	
Manufacturer	INTERCONTEC
Internet address	www.intercontec.biz
Manufacturer's product ID	ASTA 035 FR 11 10 0035 000

Table 86: Technical data - EnDat connector 8PE001.00-1

4.3.3 Technical data - Resolver connector 8PR001.00-1

Product ID	8PR001.00-1
General information	
Connector size	Size 1
Contacts	12 signal contacts
Degree of pollution	3
Installation altitude	Up to 2000 m
Insulator	PA 6.6 / PBT, UL94/V0 listed
Contacts	Gold-plated brass
Protective Ground Connection on Housing	According to VDE 0627
Protection according to DIN 40050	IP67 when connected
Certifications	UL/CSA
Electrical characteristics	
Overvoltage category	3
Signal contacts	
Rated current	9 A
Rated voltage	160 V
Test voltage (L-L)	2500 V
Contact resistance	<5 mΩ
Mechanical characteristics	
Temperature range	-20°C to +130°C
Housing material	Zinc die cast / brass, nickel plated
Gaskets	FPM / HNBR
Connection cycles	> 50
Crimp range	12 x 0.06 - 1 mm²
Cable ø	5.5 - 10.5 mm
Manufacturer information	
Manufacturer	INTERCONTEC
Internet address	www.intercontec.biz
Manufacturer's product ID	ASTA 021 FR 11 10 0035 000

Table 87: Technical data - Resolver connector 8PR001.00-1