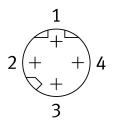
## Connecting cable NEBC-D8G4-ES-40-N-S-D8G4-ET-G2 Part number: 8176603





## **Data sheet**

Feature	Value	
Based on norm	EN 61076-2-114	
Cable designation	Without label holder	
Contact durability	100 100	
Product weight	2332 g2332 g	
Electrical connection 1, function	Control side	
Electrical connection 1, design	Round	
Electrical connection 1, connection type	Plug	
Electrical connection 1, cable outlet	Straight	
Electrical connection 1, connection technology	M8x1, D-coded as per EN 61076-2-114	
Electrical connection 1, number of pins/wires	44	
Electrical connection 1, occupied pins/wires	44	
Electrical connection 1, type of mounting	Screw-type lock with longitudinal knurl	
Electrical connection 2, function	Control side	
Electrical connection 2, design	Round	
Electrical connection 2, connection type	Plug	
Electrical connection 2, cable outlet	Straight	
Electrical connection 2, connection technology	M8x1, D-coded as per EN 61076-2-114	
Electrical connection 2, number of pins/wires	44	
Electrical connection 2, occupied pins/wires	44	
Electrical connection 2, type of mounting	Screw-type lock with longitudinal knurl	
DC operating voltage range	0 V0 V	
Nominal operating voltage DC	24 V24 V	
Current rating at 40° C	3 A3 A	
Surge resistance	1.5 kV1.5 kV	
Reverse polarity protection	no	
Protective earth connection	Not available	
Shield	yes	
Transmission characteristics	as per system communication AP	
Cable length	40 m40 m	
Cable characteristic	Suitable for energy chains	

## **FESTO**

Feature	Value
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	20 mm20 mm
Bending radius, flexible cable installation	75 mm75 mm
Cable diameter	6.3 mm6.3 mm
Cable diameter tolerance	± 0.2 mm
Cable design	1 x (4 x AWG22)
Nominal conductor cross section	AWG22
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-20 °C20 °C
Ambient temperature with flexible cable installation	-5 °C5 °C
Storage temperature	-40 °C40 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Silver-grey with sky blue stripe
Housing material	PA TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PP