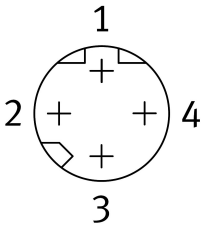
Connecting cable
NEBC-D8G4-ES-50-N-S-D8G4-ET

Part number: 8146035





Data sheet

Feature	Value
Based on norm	EN 61076-2-114
Certification	c UL us (OL)
Certificate issuing authority	UL E474609
Cable designation	Without label holder
Contact durability	100
Product weight	2912 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	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock with longitudinal knurl Rotatable Compatible with rotatable/non-rotatable screw-type lock
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	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock with longitudinal knurl Rotatable Compatible with rotatable/non-rotatable screw-type lock
DC operating voltage range	0 V...30 V
Note on operating voltage range DC	0 - 30 V for UL applications
Nominal operating voltage DC	24 V
Current rating at 40° C	3 A
Surge resistance	1.5 kV

Feature	Value
Reverse polarity protection	No
Protective earth connection	Not available
Shield	Yes
Transmission characteristics	as per system communication AP
Cable length	50 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	20 mm
Bending radius, flexible cable installation	75 mm
Cable diameter	6.3 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 °C...60 °C
Ambient temperature with flexible cable installation	-5 °C...60 °C
Storage temperature	-40 °C...70 °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	Gold-plated copper alloy
Insulating sheath material	PP