

Connecting cable

NEBC-D8G4-ES-7.5-N-S-R3G4-ET

Part number: 8188947

FESTO



Data sheet

Feature	Value
Based on norm	EN 61076-2-114
Cable designation	Without label holder
Contact durability	100
Product weight	286.5 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
Electrical connection 2, function	Control side
Electrical connection 2, design	Rectangular
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	RJ45 as per IEC 60603-7-3
Electrical connection 2, number of pins/wires	8
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Snap-locking
DC operating voltage range	0 V...60 V
Nominal operating voltage DC	24 V
Current rating at 40° C	1 A
Surge resistance	1.5 kV
Reverse polarity protection	no
Protective earth connection	Not available
Shield	yes
Transmission characteristics	as per system communication AP
Cable length	7.5 m
Cable characteristic	Suitable for energy chains

Feature	Value
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	18 mm
Bending radius, flexible cable installation	75 mm
Cable diameter	5.5 mm
Cable diameter tolerance	± 0.2 mm
Cable design	2 x 2 x AWG26
Nominal conductor cross section	AWG26
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-40 °C...80 °C
Ambient temperature with flexible cable installation	-20 °C...80 °C
Storage temperature	-20 °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 Free of phosphoric acid ester
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	PUR
Color cable sheath	Silver-grey with sky blue stripe
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	TPE-U(PUR)
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PP