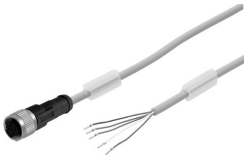
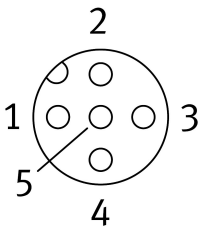
Connecting cable
NEBS-M12G5-ES-10-LE5

Part number: 8030963





Data sheet

Feature	Value
Based on norm	EN 61076-2-101
Cable designation	With 2x label holder
Contact durability	100
Type of mounting	With knurled nut
Product weight	528 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw-type lock Rotatable Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 1, terminal allocation	Pin 1 = BN Pin 2 = WH Pin 3 = BU Pin 4 = BK Pin 5 = GY
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	5
DC operating voltage range	0 V...60 V
Operating voltage range AC	0 V...48 V
Current rating at 40° C	4 A
Surge resistance	1.5 kV
Protective earth connection	Not available
Shield	Yes

Feature	Value
Cable length	10 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	26 mm
Bending radius, flexible cable installation	52 mm
Cable diameter	5.25 mm
Cable diameter tolerance	± 0.2 mm
Cable design	5 x 0.34 mm²
Nominal conductor cross section	0.34 mm² AWG22
Wire ends	Cut off bluntly
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special features	UV-resistant abrasion-resistant Low adhesion Flame-retardant and self-extinguishing Hydrolysis-resistant Alkali-proof Solvent-resistant Microbe-resistant Oil-resistant Acid-proof
Ambient temperature	-40 °C...80 °C
Ambient temperature with flexible cable installation	-25 °C...60 °C
Overvoltage category	II
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 silicone-free
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	NBR
Material of pin contacts	Bronze, nickel-plated and gold-plated
Insulating sheath material	PP