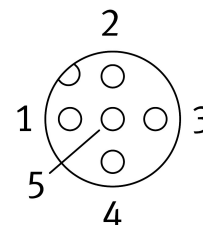


Connecting cable NEBS-M12G5-ES-10-LE5

Part number: 8030963

FESTO



Data sheet

Feature	Value
Based on standard	EN 61076-2-101
Cable designation	With 2x inscription label holders
Frequency of connection	100
Type of mounting	Via 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, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	5
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock Rotatable
Electrical connection 1, compatible type of mounting	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	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	5
Electrical connection 2, used connections/cores	5
Operational voltage range DC	0 V...60 V
Operational voltage range AC	0 V...48 V
Current rating at 40° C	4 A
Immunity to surge	1.5 kV
Protective conductor connection	Not available
Shielding	yes

Feature	Value
Cable length	10 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	26 mm
Bending radius, moving cable	52 mm
Cable diameter	5.25 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	5 x 0.34 mm ²
Nominal cross section conductor	0.34 mm ²
Conductor nominal cross section	AWG22
Wire ends	Cut off bluntly
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Special characteristics	UV resistant Abrasion-resistant Low adhesion Flame-retardant and self-extinguishing Hydrolysis-resistant Alkali resistant Solvent-resistant Resistant to microbes Oil resistant Acid resistant
Ambient temperature	-40 °C...80 °C
Ambient temperature with moving cable	-25 °C...60 °C
Overvoltage category	II
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Free of halogen Silicone free
Pollution degree	3
Note on the contamination level	In mounted state
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated bronze
Material insulating sheath	PP