

Connecting cable

NEBS-M12G12-KS-0.5-SM12G12

Part number: 3056124

FESTO



 General operating condition

Data sheet

Feature	Value
Cable designation	With label holder
Mounting position	optional
Product weight	87 g
Electrical connection 1	Straight socket, M12x1, 12-pin, A-coded
Electrical connection 2	Straight socket, M12x1, 12-pin, A-coded
Operational voltage range DC	0 V ... 30 V
Nominal operating voltage DC	30 V
Current rating at 40° C	1.5 A
Immunity to surge	0.8 kV
Shielding	yes
Cable length	0.5 m
Cable characteristic	Basic
Test conditions cable	Bending strength: to Festo standard
Min. cable bending radius	85 mm
Bending radius, fixed cable	42.5 mm
Cable diameter	8.5 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	12 x 0.14 mm ²
Connection cross section	0.14 mm ²
Colour code wire insulation	Pin 1 = brown Pin 10 = violet Pin 11 = grey/pink Pin 12 = red/blue Pin 2 = blue Pin 3 = white Pin 4 = green Pin 5 = pink Pin 6 = yellow Pin 7 = black Pin 8 = grey Pin 9 = red
Degree of protection	IP67
Ambient temperature	-30 °C ... 80 °C
Ambient temperature with moving cable	-25 °C ... 80 °C
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
Pollution degree	3

Feature	Value
Corrosion resistance class CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material union nut	Die-cast zinc
Material seals	NBR
Material electrical contact	Brass Nickel-plated and gold-plated