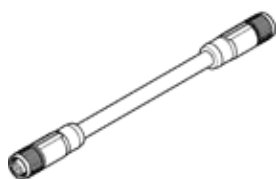


connecting cable

NEBS-M12G12-KS-0.5-SM12G12

Part number: 3056124

FESTO



Data sheet

Feature	Value
Cable identification	With inscription label holder
Assembly position	Any
Product weight	87 g
Electrical connection 1	Straight socket, M12x1, 12-pin, A-coded
Electrical connection 2	Straight socket, M12x1, 12-pin, A-coded
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	30 V
Acceptable current load at 40°C	1.5 A
Surge strength	0.8 kV
Cable length	0.5 m
Cable attribute	Basic
Test conditions of cable	Bending strength according to Festo standard
Min. cable bending radius	85 mm
Bending radius, fixed cable installation	42.5 mm
Cable diameter	8.5 mm
Cable diameter tolerance	± 0,2 mm
Cable structure	12x0,14 Shielded
Terminal cross-section	0.14 mm ²
Colour code, core 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
Protection class	IP67
Ambient temperature	-30 ... 80 °C
Ambient temperature with flexible cable installation	-25 ... 80 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material of union nut	Zinc die-casting
Material seals	NBR
Material electrical contact	Brass Nickel and gold plated