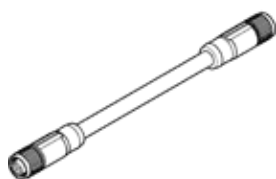


connecting cable

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
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
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