## Connecting cable NEBC-D12G4-ES-3-S-D12G4-ET Part number: 8040448

**FESTO** 



General operating condition

## **Data sheet**

Cable designation With label holder Frequency of connection Field device side Electrical connection 1, design Round Electrical connection 1, connection type Plugs Electrical connection 1, cable outlet Electrical connection 1, connector system M12x1, D-coded to EN 61076-2-101 Electrical connection 1, number of connections/cores 4 Electrical connection 1, used connections/cores 4 Electrical connection 1, type of mounting Electrical connection 1, type of mounting Electrical connection 2, tonnector system O0995612 Electrical connection 2, connection pattern Electrical connection 2, design Round Electrical connection 2, connection type Plugs Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, number of connections/cores 4 Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, number of connections/cores 4 Electrical connection 2, connection system M12x1, D-coded to EN 61076-2-101 Electrical connection 2, used connections/cores 4	
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Cable characteristic  Test conditions cable  Bending strength: to Festo standard Test conditions on request	
Test conditions cable  Bending strength: to Festo standard Test conditions on request	
Test conditions on request	
Energy chain: > 2 million cycles, bending radius 100 m	O mm
Bending radius, fixed cable ≥40 mm	
Bending radius, moving cable ≥100 mm	

Feature	Value
Cable diameter	6.7 mm
Cable diameter tolerance	± 0.3 mm
Cable structure	4 x 0.34 mm <sup>2</sup>
Nominal cross section conductor	0.34 mm <sup>2</sup>
Conductor nominal cross section	AWG22
Degree of protection	IP65 IP67
Special characteristics	Oil resistant
Ambient temperature	-25 °C 80 °C
Ambient temperature with moving cable	-20 °C 60 °C
Storage temperature	-25 °C 80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Green
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Die-cast zinc, nickel-plated
Material electrical contact	Brass Bronze
Material insulating sheath	PE
Material threaded sleeve	Die-cast zinc