

Connecting cable NEBC-D12G4-ES-3-S-R3G4-ET

Part number: 8040452

FESTO



Data sheet

Feature	Value
Type code	NEBC
Conforms to standard	EN 61076-2-101 IEC 60603-7-3
Electrical connection 1	Straight plug, M12x1, 4-pin, D-coded
Electrical connection 2	Straight plug, RJ45, 4-pin
DC operating voltage range	0 V ... 30 V
Current rating at 40°C	1.76 A
Surge resistance	0.8 kV
Cable length	3 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 2 million cycles, bending radius 100 mm
Min. cable bending radius	100 mm
Cable diameter	6.7 mm
Cable design	2 x (2 x 0.34 mm ²)
Nominal conductor cross section	0.34 mm ²
Degree of protection	IP20
Special features	Oil-resistant
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with flexible cable installation	-20 °C ... 60 °C
Note on materials	Free of copper and PTFE RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Green
Housing material	Brass, nickel-plated PA TPE-U(PUR)
Housing colour	Black
Material of pin contacts	Brass Gold-plated
Insulating sheath material	PE
Threaded sleeve material	Die-cast zinc
Ethernet cable specification	Typ: CAT.5
Transmission characteristics	In accordance with category 5, EN 50173, class D According to category 5, ISO/IEC 11801, class D