

# Connecting cable NEBC-M8G4-ES-2.5-N-SB-S1G9-RS2-S7

FESTO

Part number: 8086524



 General operating condition

## Data sheet

Feature	Value
Protocol	RS232
Cable designation	With accessories
Mounting position	optional
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plugs
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	3
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 1, connection pattern	00995708
Electrical connection 2, function	Controller side
Electrical connection 2, design	Angular
Electrical connection 2, connection type	Socket
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	Sub-D
Electrical connection 2, number of connections/cores	9
Electrical connection 2, used connections/cores	8
electrical connection 2, type of mounting	2x screw 4-40 UNC
Electrical connection 2, connection pattern	00995638
Operational voltage range DC	0 V ... 24 V
Nominal operating voltage DC	24 V
Current rating at 40° C	4 A
Immunity to surge	1.5 kV
Shielding	yes
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥24 mm
Bending radius, moving cable	≥47 mm
Cable diameter	4.6 mm
Cable diameter tolerance	± 0.1 mm
Cable structure	3 x 0.34 mm <sup>2</sup>
Nominal cross section conductor	0.34 mm <sup>2</sup>
Degree of protection	IP67

<b>Feature</b>	<b>Value</b>
Note on degree of protection	IP20 for Sub-D socket In assembled state
Ambient temperature	0 °C ... 50 °C
Ambient temperature with moving cable	0 °C ... 50 °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 zone III
Note on materials	RoHS-compliant
Pollution degree	2
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black