

# 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	Any
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995708
Electrical connection 2, function	Control side
Electrical connection 2, design	Square
Electrical connection 2, connection type	Socket
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	Sub-D
Electrical connection 2, number of pins/wires	9
Electrical connection 2, occupied pins/wires	8
Electrical connection 2, type of mounting	2x 4-40 UNC screw
Electrical connection 2, connection pattern	00995638
DC operating voltage range	0 V ... 24 V
Nominal operating voltage DC	24 V
Current rating at 40° C	4 A
Surge resistance	1.5 kV
Shield	Yes
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	≥24 mm
Bending radius, flexible cable installation	≥47 mm
Cable diameter	4.6 mm
Cable diameter tolerance	± 0.1 mm
Cable design	3 x 0.34 mm <sup>2</sup>
Nominal conductor cross section	0.34 mm <sup>2</sup>
Degree of protection	IP67

<b>Feature</b>	<b>Value</b>
Note on degree of protection	In mounted state
Ambient temperature	0 °C ... 50 °C
Ambient temperature with flexible cable installation	0 °C ... 50 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 Zone III
Note on materials	RoHS compliant
Contamination level	2
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black