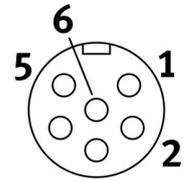


# Connecting cable NEBP-M16W6-K-2-M9W5

Part number: 575898

FESTO



## Data sheet

Feature	Value
Type code	NEBP
Additional functions	Product-specific pin allocation
Cable designation	With accessories
Product weight	160 g
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	M16x0.75
Electrical connection 1, number of pins/wires	6
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995709
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Angled
Electrical connection 2, connection technology	M9x0.5
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock
Electrical connection 2, connection pattern	00995745
DC operating voltage range	0 V ... 30 V
Current rating at 40°C	3 A
Note on acceptable current load at 40°C	2.3 A for 0.34 mm <sup>2</sup> 3.6 A for 0.49 mm <sup>2</sup>
Surge resistance	0.5 kV
Cable length	2 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, flexible cable installation	≥75 mm
Cable diameter	5.5 mm
Cable design	2 x 0.25 mm <sup>2</sup> + 2 x 0.34 mm <sup>2</sup> + 0.49 mm <sup>2</sup> Shielded

<b>Feature</b>	<b>Value</b>
Nominal conductor cross section	0.25 mm <sup>2</sup> 0.34 mm <sup>2</sup> 0.49 mm <sup>2</sup>
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-20 °C ... 70 °C
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Note on materials	RoHS-compliant
Contamination level	1
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Light gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Material of pin contacts	Bronze, gold-plated Brass, gold-plated
Insulating sheath material	TPE-U(PUR)