

Connecting cables, M16 6-pin

Technical data

FESTO

Connecting cable
NEBP-M16W6

- Pre-assembled at both ends
- Cable length 2 m
- 5 wires
- M16/M9



General technical data		
Electrical connection		Angled socket, 6-pin, M16x0.75
		Angled plug, 5-pin, M9x0.5
Operating voltage range	[V DC]	60
Surge resistance	[kV]	0.5
Acceptable current load	[A]	3
Type of mounting		Via union nut
Cable composition	[mm ²]	2x 0.24 + 2x 0.34 + 1x 0.49
Protection class to EN 60529		IP65, IP67
Product weight	[g]	160

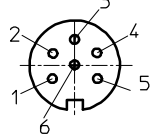
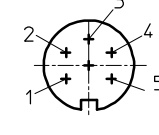
Materials		
Housing		PUR
Pin contacts		Bronze/brass, nickel-plated, and gold-plated
Note on materials		RoHS-compliant

Operating and environmental conditions		
Ambient temperature	[°C]	−20 ... +70
Ambient temperature with flexible cable installation	[°C]	−5 ... +70
Degree of contamination		1

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Circuitry (socket/plug view)				
Socket	Pin	Wire colour ¹⁾	Pin	Plug
Electrical connection, socket, 6-pin, M16 plug connector, 5-pin, M9				
	1	BN	5	
	2	WH	4	
	3	–	2	
	4	–	–	
	5	YE	1	
	6	GN	3	

1) To IEC 757

Dimensions

Download CAD data → www.festo.com

Technical drawing showing the side views of a Festo connector assembly. The dimensions are labeled as follows:

- L3**: Length of the main body.
- L2**: Length of the plug.
- H3**: Total height of the main body.
- H4**: Height of the main body without the plug.
- D6**: Diameter of the main body.
- D5**: Diameter of the plug.
- D3**: Diameter of the main body.
- D2**: Diameter of the plug.
- H1**: Height of the plug.
- H2**: Height of the plug without the main body.

Technical drawing showing the end views of a Festo connector assembly. The dimensions are labeled as follows:

- L5**: Length of the main body.
- L1**: Length of the plug.
- L4**: Length of the plug.
- B1**: Width of the main body.
- D4**: Diameter of the main body.
- D1**: Diameter of the plug.

Type	B1	D1	D2	D3	D4	D5	D6	H1	H2	H3	H4	L1	L2	L3	L4	L5
NEBP-M16W6-K-2-M9W5	21.6	5.5	11.5	20	M16x Q75	17	14	38	19	36.6	19.8	2,000	28	52	22.8	41.5

Ordering data			
Electrical connection	Cable length [m]	Part No.	Type
Socket, 6-pin, M16 plug connector, 5-pin, M9	2	575898	NEBP-M16W6-K-2-M9W5

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Subject to change