

# Connecting cables for valves, socket M16, 8-pin

Type codes

		K	MPPE	-	B	-	
<b>Function</b>							
K	Connecting cable						
<b>Purpose</b>							
MPPE	For proportional pressure regulators MPPE						
<b>Generation</b>							
B	Second generation						
<b>Cable length</b>							
2,5	2.5 m						
5	5 m						

# Connecting cables for valves, socket M16, 8-pin

Technical data

## Connecting cable KMPPE

- Connecting cable for proportional pressure regulators MPPES
- Pre-assembled at one end
- Cable lengths: 2.5 m and 5 m
- 8 wires
- Socket, M16x0.75



General technical data	
Conforms to standard	DIN 47100
Cable identification	With accessories

Technical data – Electrical connection 1	
Function	Field device side
Connection type	Socket
Cable outlet	Angled
Design	Round
Connection technology	M16x0.75 to EN 61076-2-106
Number of pins/wires	8
Assigned pins/wires	8
Type of mounting	Screw-type lock

Technical data – Electrical connection 2	
Function	Controller side
Connection type	Cable
Connection technology	Open end
Wire ends	Cut off bluntly
Number of pins/wires	8
Assigned pins/wires	8

Technical data – Electrical		
Operating voltage range	[V DC]	0 ... 30
Surge resistance	[kV]	0.6
Current rating at 40 °C	[A]	5
Contamination level		1
Contact durability		500

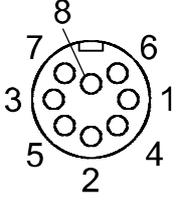
Technical data – Cable		
Cable diameter	[mm]	6.8
Cable design	[mm <sup>2</sup> ]	8x0.25
		Shielded
Nominal conductor cross section	[mm <sup>2</sup> ]	0.25
Cable characteristic		Standard
Cable test conditions		Test conditions on request

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Technical data

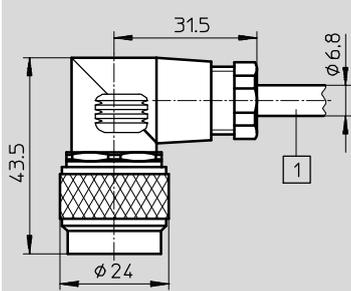
Materials	
Housing	PA
Screw-type lock	PA
Cable sheath	PVC
Cable sheath colour	Grey
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature [°C]	-30 ... +80
Ambient temperature with flexible cable installation [°C]	-5 ... +70
Degree of protection	IP67
Note on degree of protection	In assembled state

Circuitry (socket view)				
Electrical connection 1	Pin	Wire colour <sup>1)</sup>	Pin	Electrical connection 2
	1	WH	-	-
	2	BN	-	
	3	GN	-	
	4	YE	-	
	5	GY	-	
	6	PK	-	
	7	RD	-	
	8	BU	-	
	n.c.	Shielded	-	

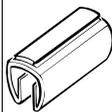
1) To IEC 757

**Dimensions** Download CAD data → [www.festo.com](http://www.festo.com)



1 Cable, length 2.5 m or 5 m depending on the order

Ordering data							
Electrical connection				Cable length	Weight	Part No.	Type code
Connection 1		Connection 2		[m]	[g]		
Socket M16x0.75	8-pin	Open end	8-wire	2.5	243	<b>161879</b>	<b>KMPPE-B-2,5</b>
				5	459	<b>161878</b>	<b>KMPPE-B-5</b>

Ordering data – Accessories				
			Part No.	Type code
	Inscription labels for placing on a cable with diameter 5 ... 8 mm		11x20 mm	<b>33361</b> <b>KM-BZ</b>