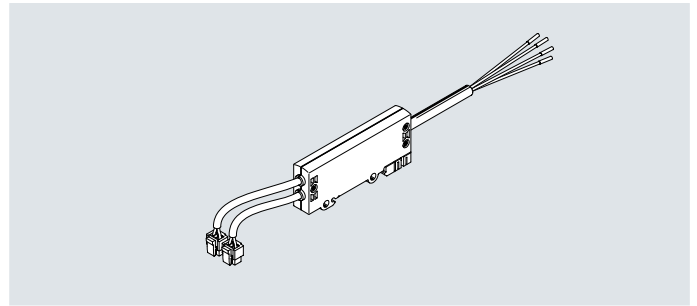


Data sheet

Connecting cable MHJ9-KMH

- With control electronics for valves MHJ9
- With plug sockets KMH
- Cable lengths 0.5 and 2.5 m



General technical data		MHJ9-KMH-...-MF	MHJ9-KMH-...-HF
Type			
Electrical connection		2x straight socket KMH, 2-pin	
		Cable, 4-wire	
Operating voltage range	[V DC]	12 ... 53	
Trigger signal range	[V DC]	3 ... 30	
Input resistance	[kΩ]	34	
Note on input current		Linear rise	
		0.09 ... 0.44 mA at a trigger signal of 3 ... 15 V DC	
		0.44 ... 15.44 mA at a trigger signal of 15 ... 30 V DC	
Note on power consumption per channel	[W]	Low-current phase 2	Low-current phase 2.8
	[W]	High-current phase 7	High-current phase 17.1
Notes on operation		Power supply unit must be able to supply at least 1.7 A without voltage drop.	Power supply unit must be able to supply at least 1.85 A without voltage drop.
Additional functions		Spark arresting	
		Holding current reduction with energy recovery	
		Safety shut-off	
Reverse polarity protection		For operating voltage	
Duty cycle	[%]	100	
		Observe the notes on operating the solenoid valves.	
Cable characteristic		For static applications	
Type of mounting		With H-rail	
		With through-hole	
Mounting position		Any	
Degree of protection to EN 60529		IP40	

Materials	
Housing	POM
Cable sheath	PVC
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature	[°C] -5 ... +50
Corrosion resistance class CRC ¹⁾	2
CE marking (see declaration of conformity) ³⁾	To EU EMC Directive ²⁾
	To EU RoHS Directive
UKCA marking (see declaration of conformity) ³⁾	To UK instructions for EMC
	To UK RoHS instructions
Certification	RCM compliance mark
PWIS conformity	VDMA24364-B2-L

1) Additional information www.festo.com/x/topic/kbk

2) For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/... → Support/Downloads.

If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

3) Additional information www.festo.com/catalogue/... → Support/Downloads.

Data sheet

Dimensions

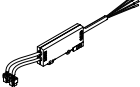
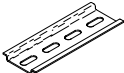
Technical drawing of the connecting cable assembly. The drawing shows two views: a top view and a side view. The top view shows the cable bundle with dimensions L1, L2, L3, L4, L5, L6, L7, L8, and L9. It also shows dimensions B1, B2, and B3 for the cable bundle. The side view shows the cable bundle with dimensions D1, D2, and D3. It also shows dimensions H1, H2, and H3. Callout 1 points to the H-rail, and callout 2 points to the hole for wall mounting.

Download CAD data → www.festo.com

Wire allocation:
BU = GND
BN = Operating voltage positive
BK = Trigger 1
WH = Trigger 2

[1] H-rail
[2] Hole for wall mounting

Type	B1	B2	B3	D1	D2	D3	H1	H2	H3	L1	L2	L3	L4	L5	L6	L7	L8	L9
MHJ9-KMH-0.5	10	8	4	5	3.4	3.3	27	23	13	500	200	65	50	30	35	8	7	8
MHJ9-KMH-2.5										2500								

Ordering data		Length	Weight	Part no.	Type
Connecting cable					
	With control electronics for 2 valves LF-, MF/LP, MF- and HF/LP	0.5 m	40 g	553121	MHJ9-KMH-0.5-MF
		2.5 m	98 g	565519	MHJ9-KMH-2.5-MF
	With control electronics for 2 valves HF	0.5 m	40 g	562170	MHJ9-KMH-0.5-HF
		2.5 m	98 g	567505	MHJ9-KMH-2.5-HF
H-rail					
	H-rail to EN 60715, galvanised steel	2 m	600 g	35430	NRH-35-2000

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