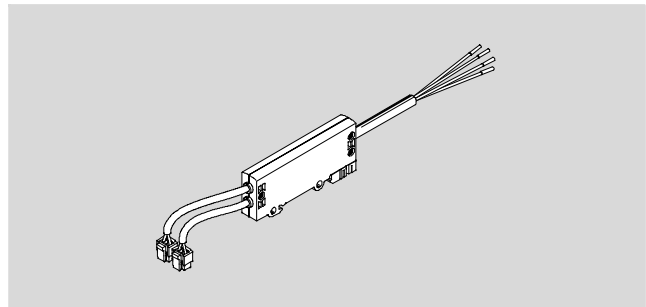# Connecting cables NEBV, for valves

Technical data

Connecting cable MHJ9-KMH

- For MHJ9 valves
- With plug sockets KMH
- Cable lengths 0.5 and 2.5 m

General technical data			
Type		MHJ9-KMH-...-MF	MHJ9-KMH-...-HF
Electrical connection		2x straight socket KMH, 2-pin	
		Cable, 4-wire	
Operating voltage range	[V DC]	12 ... 53	
Control signal voltage range	[V DC]	3 ... 30	
Note on power consumption	[W]	Low-current phase 2	Low-current phase 2.8
per channel	[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 dips	Power supply unit must be able to supply at least 1.85 A without voltage dips
Cable characteristics		For static applications	
Type of mounting		Via H-rail	
Mounting position		Any	
Protection class to EN 60529		IP40	

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

Operating and environmental conditions		
Ambient temperature	[°C]	−5 ... +50
CE marking (see declaration of conformity)		To EU EMC Directive[1]

1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com ➔ Support ➔ User documentation.
   If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary..
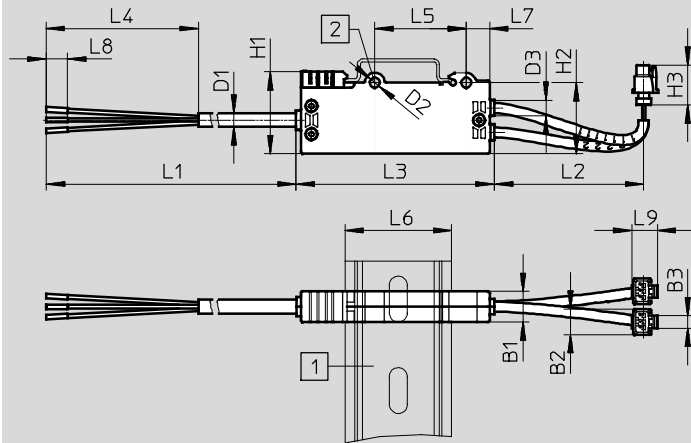   Max. permissible cable length 2.5 m.

Connecting cables NEBV, for valves

Technical data

Dimensions

Download CAD data → **www.festo.com**

Wiring 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										2,500								

Ordering data					
		Length	Weight	Part No.	Type
Connecting cable					
	With control electronics for 2 valves LF/LP, MF/LP 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**