

# Connecting cable, Sub-D

Technical data

## Connecting cable KMP6

- Connecting cable for multi-pin plug connection
- Pre-assembled
- Cable lengths 2.5 m, 5 m or 10 m
- 9-pin, 15-pin, 25-pin or 26-pin
- Sub-D



General technical data					
Type	KMP6-9P-8-...	KMP6-15P-12-...	KMP6-25P-12-...	KMP6-25P-20-...	KMP6-26P-16-...
Electrical connection	Straight socket Sub-D 9-pin	Straight socket Sub-D 15-pin	Straight socket Sub-D 25-pin	Straight socket Sub-D 25-pin	Straight socket Sub-D 26-pin
	Open cable end 9-wire	Open cable end 15-wire	Open cable end 15-wire	Open cable end 25-wire	Open cable end 20-wire
Type of mounting	Via through-hole				
Mounting position	Any				
Operating voltage range	[V DC]	0 ... 24			
Acceptable current load	[A]	2.8	2.8	2.8	2.5
Cable composition	[mm <sup>2</sup> ]	8x0.34	15x0.34	15x0.34	20x0.25
	[mm <sup>2</sup> ]	1x0.5	–	–	5x0.34
Cable diameter	[mm]	7.6	8.5	8.5	10.3
Degree of protection to EN 60529	IP40 (assembled)				

Materials	
Housing	PBT reinforced
Pin contacts	Gold-plated copper alloy
Cable sheath	PVC

Operating and environmental conditions	
Ambient temperature	[°C] –30 ... +80
Ambient temperature with flexible cable installation	[°C] –5 ... +80



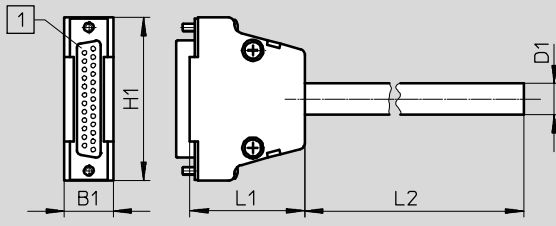
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## Dimensions

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



Type	1	B1	D1	H1	L1	L2
KMP6-09P-8-...	Sub-D socket, 9-pin	16	7.6	31.2	34.5	Length according to type (2.5 m, 5 m or 10 m)
KMP6-15P-12-...	Sub-D socket, 15-pin	16	8.5	40	34.5	
KMP6-25P-12-...	Sub-D socket, 25-pin	16	8.5	53.4	37.7	
KMP6-25P-20-...	Sub-D socket, 25-pin	16	10.3	53.4	37.7	
KMP6-26P-16-...	Sub-D socket, 26-pin	16	8.6	40	34.5	

## Ordering data

Electrical connection	Cable composition [mm <sup>2</sup> ]	Product weight [g]	Cable length [m]	Part No.	Type
Sub-D socket, 9-pin	8x0.34 + 1x0.5	248	2.5	531184	KMP6-09P-8-2,5
	8x0.34 + 1x0.5	454	5	531185	KMP6-09P-8-5
	8x0.34 + 1x0.5	864	10	531186	KMP6-09P-8-10
Sub-D socket, 15-pin	15x0.34	293	2.5	527543	KMP6-15P-12-2,5
	15x0.34	585	5	527544	KMP6-15P-12-5
	15x0.34	1134	10	527545	KMP6-15P-12-10
Sub-D socket, 25-pin	15x0.34	329	2.5	530049	KMP6-25P-12-2,5
	15x0.34	590	5	530050	KMP6-25P-12-5
	15x0.34	1140	10	530051	KMP6-25P-12-10
Sub-D socket, 25-pin	20x0.25 + 5x0.34	432	2.5	530046	KMP6-25P-20-2,5
	20x0.25 + 5x0.34	814	5	530047	KMP6-25P-20-5
	20x0.25 + 5x0.34	1600	10	530048	KMP6-25P-20-10
Sub-D socket, 26-pin	20x0.25	280	2.5	527546	KMP6-26P-16-2,5
	20x0.25	570	5	527547	KMP6-26P-16-5
	20x0.25	1145	10	527548	KMP6-26P-16-10

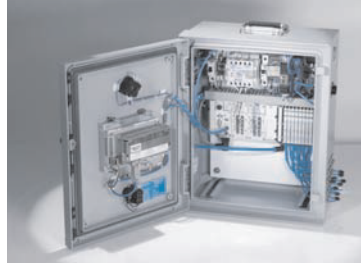
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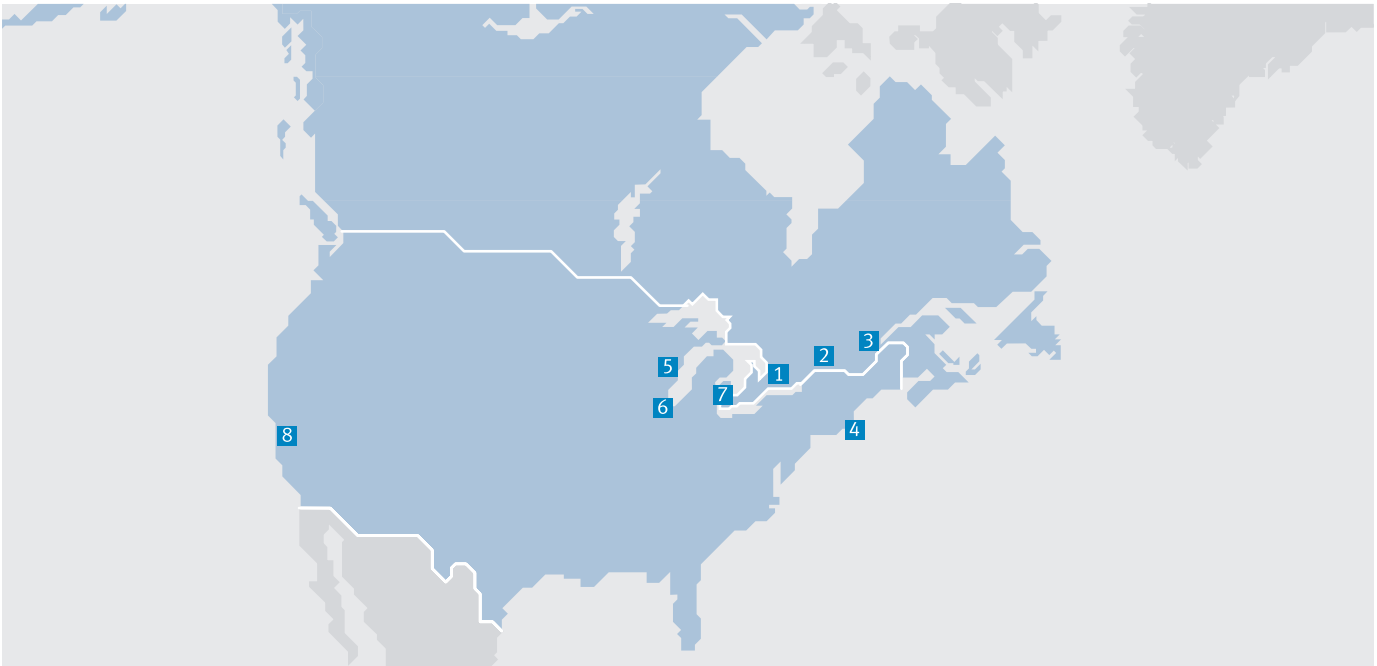


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