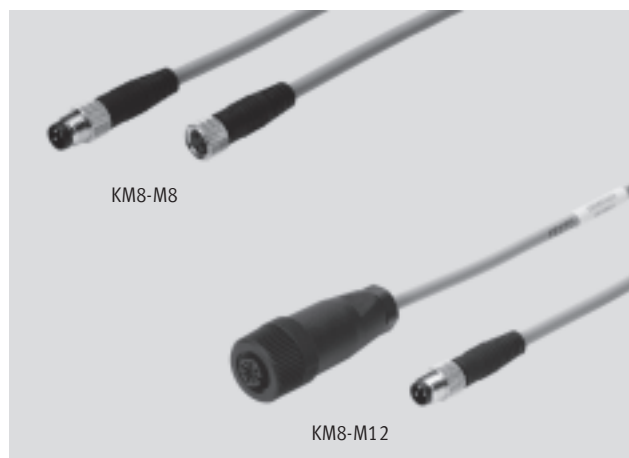


Electrical connection technology, for inputs/outputs

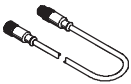
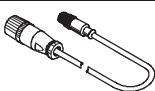
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Technical data – KM8

- Plug socket with cable for connecting inputs/outputs
- Pre-assembled at both ends
- Cable lengths 1 m, 2.5 m or 5 m
- Socket/plug, 3-pin or 4-pin



General technical data		
Type	KM8-...	
Type of mounting	Union nut/threaded connector	
Mounting position	Any	
Operating voltage range	[V]	60 AC
	[V]	75 DC
Current-carrying capacity	[A]	4
Protection class to EN 60 529	IP65 (assembled)	
Material of housing	Polyurethane	
Material of contacts	Nickel-plated/gold-plated bronze	
Material of union nut	Nickel-plated brass	
Material of cable sheath	Polyurethane	
Ambient temperature	[°C]	–25 ... +85
Ambient temperature of flexible cable installation	[°C]	+20 ... +80

Ordering data							
	Electrical connection	Construc- tional design [mm ²]	Cable diameter [mm]	Product weight [g]	Cable length [m]	Type	Part No.
	Straight plug, 3-pin, M8	3x0.25	4.5	26	0.5	KM8-M8-GSGD-0,5	175 488
	Straight socket, 3-pin, M8						
	Straight plug, 3-pin, M8	3x0.25	4.5	40	1	KM8-M8-GSGD-1	175 489
	Straight socket, 3-pin, M8						
	Straight plug, 3-pin, M8	3x0.25	4.5	78.8	2.5	KM8-M8-GSGD-2,5	165 610
	Straight socket, 3-pin, M8						
	Straight plug, 3-pin, M8	3x0.25	4.5	140	5	KM8-M8-GSGD-5	165 611
	Straight socket, 3-pin, M8						
	Straight plug, 3-pin, M8	3x0.25	4.5	49	1	KM8-M12-GSGD-1	187 859
	Straight socket, 3-pin, M12						
	Straight plug, 3-pin, M8	3x0.25	4.5	87	2.5	KM8-M12-GSGD-2,5	187 860
	Straight socket, 3-pin, M12						
	Straight plug, 3-pin, M8	3x0.25	4.5	150	5	KM8-M12-GSGD-5	187 861
	Straight socket, 3-pin, M12						

Electrical connection technology, for inputs/outputs

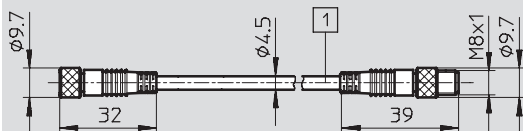
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Technical data – KM8

Dimensions

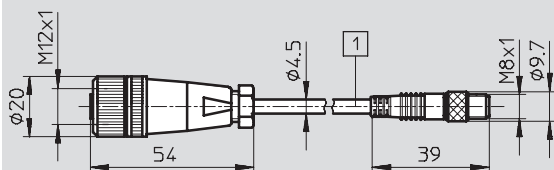
Download CAD data → www.festo.com

KM8-M8-...



L1 Length according to type
(2.5 m or 5 m)

KM8-M12-...



L1 Length according to type
(2.5 m or 5 m)

Wiring allocation (socket/plug view)

KM8-M8-...

Socket	Pin	Core colour	Pin	Plug
	1	Brown	1	
	2	Blue	2	
	3	Black	3	

KM8-M12-...

Socket	Pin	Core colour	Pin	Plug
	1	Brown	1	
	2	Blue	2	
	3	Black	3	
	4	Blue	2	