

Electrical connection technology, for inputs/outputs

Technical data – KVIA-...

- Plug socket with cable for inputs/ outputs
- Pre-assembled at both ends
- Cable lengths 5 m or 10 m
- 4-pin/5-pin
- Round plug
- Suitable for chain link trunking



General technical data	
Type	KVIA-...
Type of mounting	M16/M12 union nut
Mounting position	Any
Operating voltage range	[V AC] Max. 250
Current-carrying capacity	[A] 1
Protection class to EN 60 529	IP65 (assembled)
Material of housing	PBT
Material of contacts	Silver-plated/gold-plated bronze
Material of cable sheath	PVC
Ambient temperature	[°C] -30 ... +80

Ordering data								
	Suitable for chain link trunking	Electrical connection	Constructional design [mm ²]	Cable diameter [mm]	Product weight [g]	Cable length [m]	Type	Part No.
	■	Straight plug	6x0.25	8	306	5	KVIA-5	163960
	■	Straight plug	6x0.25	8	567	10	KVIA-10	163961
	■	Straight plug Straight socket	4x0.25	6.2	297	5	KVIA-MPYE-5	161984
	■	Straight plug Straight socket	4x0.25	6.2	530	10	KVIA-MPYE-10	161985
	■	Straight plug Angled socket	6x0.25	8	352	5	KVIA-MPPE-5	163882
	■	Straight plug Angled socket	6x0.25	8	828	10	KVIA-MPPE-10	163883

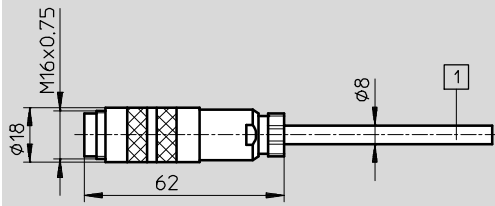
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Dimensions

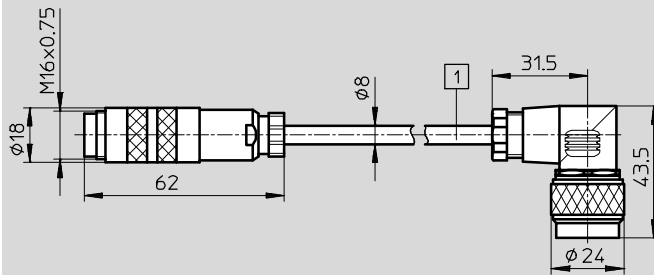
Download CAD data → www.festo.com

KVIA-5 and KVIA-10



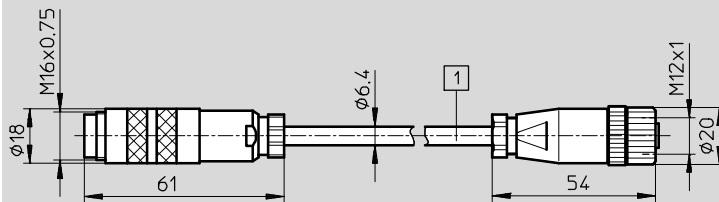
1 Cable length 5 m or 10 m

Type KVIA-MPPE-...



1 Cable length 5 m or 10 m

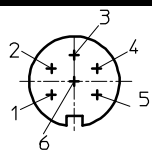
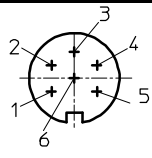
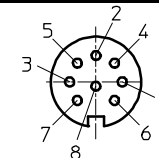
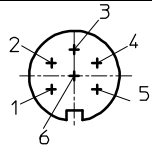
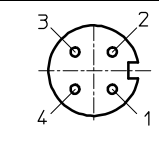
Type KVIA-MPYE-...



1 Cable length 5 m or 10 m

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Wiring allocation (socket/plug view)				
KVIA-5 and KVIA-10				
Plug	Pin	Core colour		
	1	Grey		
	2	Pink		
	3	Green		
	4	Yellow		
	5	Brown		
	6	White		
	Housing		Screen	
Type KVIA-MPPE-...				
Plug	Pin	Core colour	Pin	Socket
	1	Grey	6	
	2	Pink	8	
	3	Green	4	
	4	Yellow	2	
	5	Brown	7	
	6	White	3	
	Housing		Screen	
Type KVIA-MPPE-...				
Plug	Pin	Core colour	Pin	Socket
	1	-	-	
	2	-	-	
	3	Green	3	
	4	Yellow	4	
	5	Brown	1	
	6	White	2	
	Housing		Screen	