

Electrical connection technology, for AS-interface

FESTO

Technical data

Cable socket ASI-SD-...-M12

- Flat cable socket for connecting AS-interface stations to the AS-interface bus system
- M12 connection
- Reverse polarity protected
- Detachable connection



General technical data	
Mounting position	Any
Type of mounting	Via union nut
Electrical connection	Straight socket
	4-pin
	Screw terminal
Connection cross section [mm ²]	0.75
Cable connector	Pg9
Operating voltage range [V AC]	0 ... 125
Acceptable current load [A]	3
Protection class	IP65/IP67 (assembled)
Product weight [g]	27.6

Materials	
Housing	PA
Pin contacts	Bronze
Union nut	Nickel-plated
Housing colour	Black
Note on materials	RoHS-compliant

Operating and environmental conditions	
Ambient temperature [°C]	-40 ... +85

Dimensions		Download CAD data → www.festo.com
		1 Seal for AS-interface cable

Ordering data			
	Electrical connection	Part No.	Type
	Straight socket, 4-pin, screw terminal	18789	ASI-SD-PG-M12

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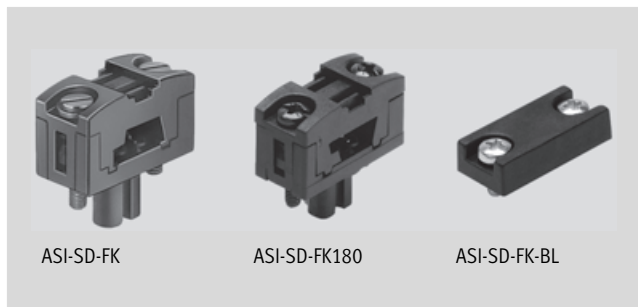
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Technical data

Cable socket ASI-SD-FK

Blanking plug ASI-SD-FK-BL

- Flat cable socket for connecting AS-interface stations to the AS-interface bus system
- 0° and 180° version
- Reverse polarity protected
- Detachable connection
- 2-pin
- Blanking plugs for sealing unused connections



General technical data				
Type		ASI-SD-FK	ASI-SD-FK180	ASI-SD-FK-BL
Mounting position		Any		
Type of mounting		Via through-hole		
Electrical connection		Straight socket, 2-pin	Straight socket, 2-pin	–
Operating voltage range	[V AC]	0 ... 60	0 ... 60	–
	[V DC]	0 ... 75	0 ... 75	–
Acceptable current load	[A]	3	3	–
Connection type		Insulation displacement technology	Insulation displacement technology	–
Connection cross section	[mm²]	1.5	1.5	–
Protection class		IP65 (in assembled state)		
Product weight	[g]	6.8	6.2	3

Materials				
Type	ASI-SD-FK	ASI-SD-FK180	ASI-SD-FK-BL	
Housing	PA	PA	–	
Pin contacts	Bronze	Bronze	–	
Note on materials	RoHS-compliant	RoHS-compliant	RoHS-compliant	

Operating and environmental conditions				
Type	ASI-SD-FK	ASI-SD-FK180	ASI-SD-FK-BL	
Ambient temperature	[°C]	–5 ... +50	–5 ... +50	–20 ... +70
Storage temperature	[°C]	–30 ... +85	–30 ... +85	–20 ... +70

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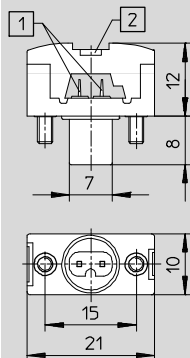
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Technical data

Dimensions

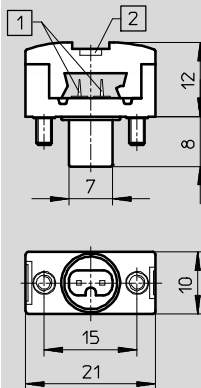
Download CAD data → www.festo.com

ASI-SD-FK



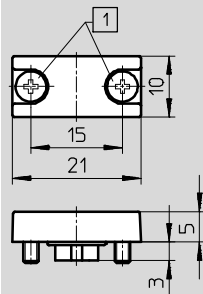
- 1 Contact pins for flat cable contacting
- 2 Mounting option for inscription labels IBS-6x10

ASI-SD-FK180



- 1 Contact pins for flat cable contacting
- 2 Mounting option for inscription labels IBS-6x10

ASI-SD-FK-BL



- 1 M2.5x6 mounting screws

Ordering data

	Part No.	Type
Flat cable socket for connecting AS-interface stations	18785	ASI-SD-FK
Flat cable socket for connecting AS-interface stations, flat cable turned by 180°	196089	ASI-SD-FK180
Blanking plate for sealing unused AS-interface flat cable connections	196090	ASI-SD-FK-BL

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