



**Electrical Connection Technology,
for Fieldbus Connection FBS-SUB-9**

Electrical connection technology, for fieldbus connection

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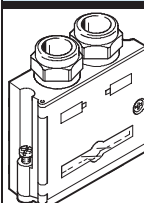
Technical data – FBS-SUB-9-...-B

- Fieldbus plug with 9-pin Sub-D connection
- Variants for different fieldbus systems
- Position of DIL switches can be read externally
- Easy to assemble



General technical data	
Type	FBS-SUB-9-...-B
Type of mounting	2 M3x20 screws
Cable connector	Pg9
Permissible cable diameter [mm]	5 ... 10
Protection class to EN 60529	IP65/67 (assembled)
Housing material	Reinforced polyamide
Seal material	Nitrile rubber
Union nut material	Brass, nickel-plated
Screw material	Steel
Height/length/width [mm]	62/61/20

Operating and environmental conditions		
	FBS-SUB-9-...-B	FBS-SUB-9-GS-1x9POL-B
Ambient temperature [°C]	0 ... +50	
Storage temperature [°C]	–20 ... +70	
Relative air humidity	95%, non-condensing	
CE mark (see declaration of conformity)	–	To EU EMC Directive
	–	To EU Explosion Protection Directive (ATEX)
	–	To EU Low Voltage Directive
Certification	–	UL Recognised (OL)
	–	UL Recognised (HL)
ATEX specification	–	II 3 GD EEx nA II T5 T80°C X
ATEX ambient temperature	–	–20°C ≤ Ta ≤ +40°C

Ordering data					
	Electrical connection	Interface	Product weight [g]	Type	Part No.
	9-pin plug, Sub-D	Profibus DP	60	FBS-SUB-9-GS-DP-B	532 216
	9-pin plug, Sub-D	Interbus nodes CPX and CPV	60	FBS-SUB-9-GS-IB-B	532 217
	9-pin socket, Sub-D	Interbus nodes CPX and CPV	60	FBS-SUB-9-BU-IB-B	532 218
	9-pin socket, Sub-D	DeviceNet/Can CPX and CPV	60	FBS-SUB-9-BU-2x5POL-B	532 219
	9-pin socket, Sub-D	CC-Link CPX and CPV	60	FBS-SUB-9-BU-2x4POL-B	532 220
	9-pin plug, Sub-D	CPX-FEC	60	FBS-SUB-9-GS-1x9POL-B	534 497

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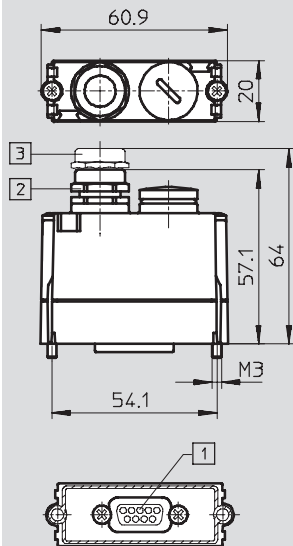
Technical data – FBS-SUB-9-...-B

Dimensions

Download CAD data → www.festo.com

FBS-SUB-9-...-B

Housing



- 1 Sub-D socket/plug, 9-pin
- 2 Cable connector, polymer, Pg9
- 3 Cable connector, metal, Pg9

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