

Electrical connection technology, for fieldbus connection

Technical data – FBS/FBSD

- Plug/plug socket for fieldbus connection
- Can be assembled with any cable length
- 5-pin plug/4-pin or 5-pin socket
- With screw terminals
- Wire cross section of up to 0.75 mm²



General technical data		
Type	FBSD-...	FBS-...
Type of mounting	Union nut M12	
Mounting position	Any	
Electrical connection	Type A	
Connection cross section [mm ²]	0.25 ... 0.75	
Max. tightening torque for locking [Nm]	0.6	
Acceptable current load at 40 °C [A]	4	
Protection class to EN 60529	IP67 (assembled)	
Material of housing	Reinforced polyamide	
Material of contacts	Brass, coated with white bronze	Nickel-plated and gold-plated brass
	FBSD-GD-9-5POL: nickel-plated and gold-plated brass	
Material of union nut	Nickel-plated die-cast zinc	
Material of seals	Nitrile rubber	
Note on materials	Conforms to RoHS	
Fire protection classification to UL94	HB, V2	
Degree of contamination	3	
Ambient temperature [°C]	-25 ... +85	

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FESTO

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Ordering data								
	Electrical connection	Operating voltage range		Cable connection	Permitted cable Ø [mm]	Product weight [g]	Type	Part No.
		[V AC]	[V DC]					
	Straight plug, 5-pin, screw terminal	60	60	Pg9	6 ... 8	23.5	FBS-M12-5GS-PG9	175 380
	Straight socket, 4-pin, screw terminal	125	–	Pg7	4 ... 6	28	FBSD-GD-7	18 497
	Straight socket, 4-pin, screw terminal	125	–	Pg9	8 ... 9.5	29	FBSD-GD-9	18 495
	Straight socket, 5-pin, screw terminal (DeviceNet)	30	36	Pg9	6 ... 8	33	FBSD-GD-9-5POL	18 324
	Straight socket, 4-pin, screw terminal	125	–	Pg13.5	10 ... 12	40	FBSD-GD-13,5	18 496
	Angled socket, 4-pin, screw terminal	125	–	Pg7	4 ... 6	25	FBSD-WD-7	18 524
	Angled socket, 4-pin, screw terminal	125	–	Pg9	6 ... 8	30	FBSD-WD-9	18 525

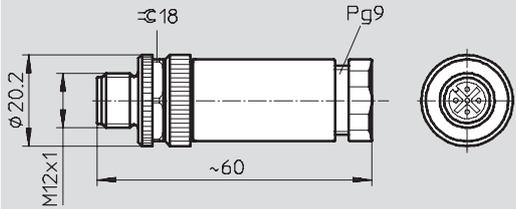
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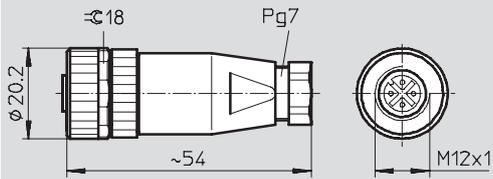
Dimensions

Download CAD data → www.festo.com

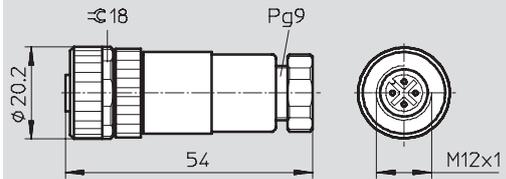
FBS-M12-5GS-PG9



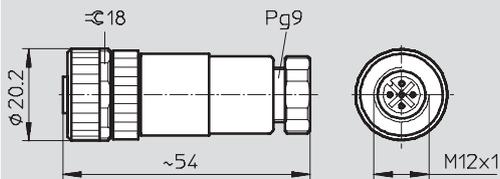
FBSD-GD-7



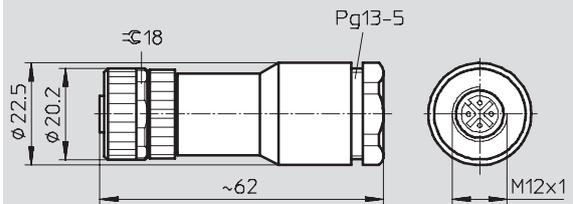
FBSD-GD-9



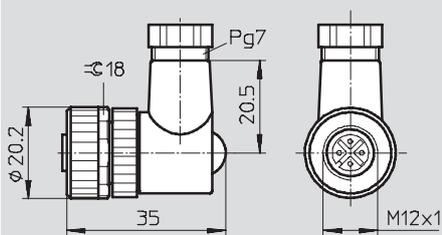
FBSD-GD-9-5POL



FBSD-GD-13,5



FBSD-WD-7



FBSD-WD-9

