

FSV 48-0.3M/M20/C1117

PROFIBUS-PA Flanschanschluss – Flange

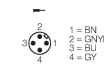
Features



- Type: M12 male
- M20 × 1.5 screw-in thread
- Stainless steel flange housing
- 4-pin, wire length 0.3 m
- For use in PROFIBUS-PA applications

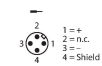
Headline Wiring Diagram

Pin Assignment

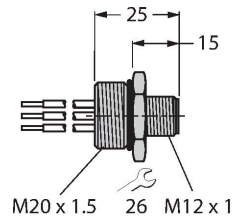


1 = BN
2 = GNYE
3 = BU
4 = GY

PROFIBUS-PA Connection



1 = +
2 = n.c.
3 = -
4 = Shield



Technical data

Type	FSV 48-0.3M/M20/C1117
ID	U2-30296
Connector A	Male, M12 × 1, Straight, A-coded
Number of pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Seal	Plastic, NBR
Flange housing	Stainless Steel, 1.4401 (AISI 316), Passivated
Mounting type	front panel mounting
Screw-in thread seal	O-ring
Screw-in thread	M20 × 1.5
Connection mode	Wire connection
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP68, (screwed together)
Network protocol	PROFIBUS-PA
Cable length	0.3 m, (tolerance: +50 mm)
Core insulation	PVC
Core cross-section	4 x 0.8 mm ²
Core colors	BU, BN, GY, GNYE
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ

Technical data

Mechanical and chemical properties

Ambient temperature (fixed)	-40...+105 °C
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Ambient temperature (mobile)	-40...+105 °C
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Approvals	CE RoHS
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Note

- We reserve the right to make technical modifications without prior notice.