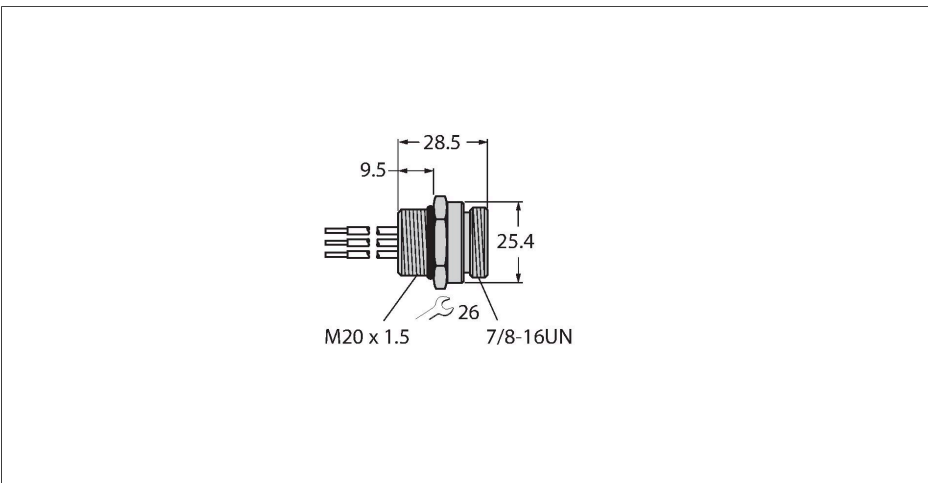


# RSFV 48-0.3M/M20/C1117

## PROFIBUS-PA Flanschanschluss – Flange



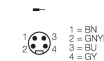
### Features



- 7/8" minifast Flanschstecker
- M20 x 1.5 screw-in thread
- Stainless steel receptacle housing
- 4-pin, braid length 0.3 m
- For use in PROFIBUS-PA applications

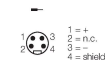
### Headline Wiring Diagram

Pin Assignment



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

PROFIBUS-PA Connection



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

### Technical data

Type	RSFV 48-0.3M/M20/C1117
ID	U5218-144
Connector A	Male, 7/8"-16 UN, Straight
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	IP67, (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 <sup>2</sup>
Core colors	BU, BN, GY, GNYE
<b>Electrical properties at +20 °C</b>	
Rated voltage	600 V
Current	9 A
Insulation resistance	≥ 10 <sup>8</sup> 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.