

# FKV48-0.3M/14.5/C1117

## PROFIBUS-PA Receptacle – Flange

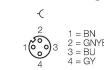
### Features



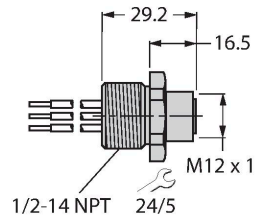
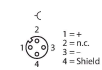
- Type: M12 female
- 1/2" 14 NPT screw-in thread
- Stainless steel receptacle housing
- 4-pin, braid length 0.3 m
- For use in PROFIBUS-PA applications

### Headline Wiring Diagram

Pin Assignment



PROFIBUS-PA Connection



### Technical data

Type	FKV48-0.3M/14.5/C1117
ID	6611025
Connector A	Female, M12 × 1, Straight, A-coded
Number of Pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Flange housing	Stainless Steel, 1.4401 (AISI 316)
Mounting type	front panel mounting
Screw-in thread	1/2"-14 NPT
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 <sup>2</sup>
Core colors	BU, BN, GY, GNYE
<b>Electrical properties at +20 °C</b>	
Rated voltage	250 V
Current	4 A
Insulation resistance	≥ 10 <sup>8</sup> Ω
forward resistance	≤ 5 mΩ
<b>Mechanical and chemical properties</b>	
Ambient temperature range (stationary)	-40...+105 °C
Ambient temperature range (In motion)	-40...+105 °C