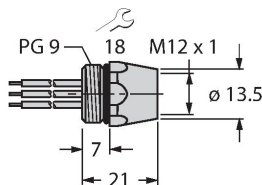


FKV 49

FOUNDATION™ Fieldbus Receptacle – Front-Mounted



Features



- Female M12 eurofast receptacle
- PG9 screw-in thread
- Stainless steel flange housing
- 4-pin, solderable
- For use in FOUNDATION fieldbus and PROFIBUS-PA applications

Headline Wiring Diagram

FOUNDATION™ fieldbus PROFIBUS-PA Connection



Technical data

Type	FKV 49
ID	U7324
Connector A	Female, M12 × 1, A-coded
Number of pins	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
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	PG9
Lock nut/screw	stainless steelPassivate
Connection mode	Solder contact
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP68, (screwed together)
Network protocol	FOUNDATION fieldbus
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
Insulation resistance	≥ 10 ⁹ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-40...+105 °C
Ambient temperature (mobile)	-40...+90 °C
Approvals	CE

Technical data

Note

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