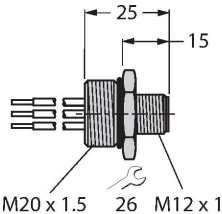


# FSV 49-0.3M/M20/C1117

## FOUNDATION fieldbus 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 FOUNDATION fieldbus applications

### Headline Wiring Diagram

Pin Assignment



FOUNDATION™ fieldbus Conn



### Technical data

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Type                            | FSV 49-0.3M/M20/C1117                          |
| ID                              | U9523-111                                      |
| Connector A                     | Male, M12 × 1, Straight, 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                 | M20 × 1.5                                      |
| Connection mode                 | Wire connection                                |
| Mechanical lifespan             | > 100 Mating cycles                            |
| Pollution degree                | 3                                              |
| Protection class                | IP68, (screwed together)                       |
| Network protocol                | FOUNDATION fieldbus                            |
| 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                               |
| Electrical properties at +20 °C |                                                |
| Rated voltage                   | 250 V                                          |
| Current                         | 4 A                                            |
| Insulation resistance           | ≥ 10 <sup>8</sup> Ω                            |
| forward resistance              | ≤ 5 mΩ                                         |

Technical data

|                                                                              |               |
|------------------------------------------------------------------------------|---------------|
| Mechanical and chemical properties                                           |               |
| Ambient temperature (fixed)                                                  | -40...+105 °C |
| Ambient temperature (mobile)                                                 | -40...+105 °C |
| Approvals                                                                    | CE<br>RoHS    |
| Note                                                                         |               |
| - We reserve the right to make technical modifications without prior notice. |               |