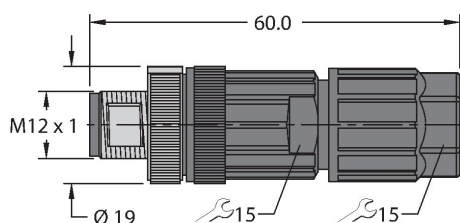


FW-ERSPM0526-SA-P-0408

Accessories for Sensors and Actuators – Field-Wireable Connector

Male Connector M12 × 1, Straight



Technical data

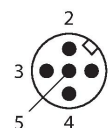
Type	FW-ERSPM0526-SA-P-0408
ID no.	100002535
Connector A	Male, M12 × 1, Straight, A-code
Number of Pins	5
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PA 6.6, Black
Connector body	Plastic, PA 6.6, Black
Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
Connector seal	Plastic, NBR
Tightening torque (range)	0.4 ... 0.4 Nm (note max. torque of mating connector!)
Panel seal	plastic, NBR
External diameter of the cable	min. 4...8 mm
Core cross-section/Clamping ability	0.14...0.75 mm ²
Connection mode	Push-in connection
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP65, IP67, (screwed together)
Shield	no
Electrical properties at +20 °C	
Rated voltage	60 V
Rated voltage	48 V _{AC} /60 V _{DC}

Features



- Push-in connection
- A-coding
- 5-pin
- Flammability class acc. to UL 94 V0
- Cable feedthrough: 4.0...8.0 mm
- Terminal capacity:
 - 0.14...0.75 mm² (without cable end sleeve)
 - 0.08...0.5 mm² (with cable end sleeve)
- Approval: cULus
- RoHS-compliant

Contact assignment



Technical data

Current	4 A
Insulation resistance	$\geq 10^8 \Omega$
Mechanical and chemical properties	
Ambient temperature range (static)	-40 °C...+85 °C