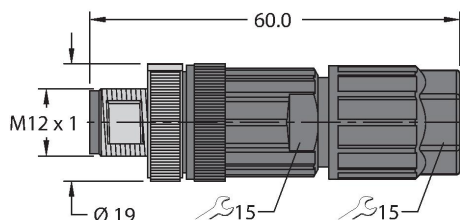


FW-ERSPM0526-SA-P-0408

Field-Wireable Connector

Male Connector M12 × 1, Straight



Technische Daten

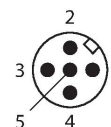
Type	FW-ERSPM0526-SA-P-0408
ID	100002535
Connector A	Male, M12 × 1, Straight, A-code
Number of contacts	5
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PA 6.6, Black
Connector body	Plastic, PA 6.6, Black
Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
Connector seal	NBR
Tightening torque (range)	0.4 ... 0.4 Nm (note max. torque of mating connector!)
Acceptable cable diameter	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)
Electrical properties at +20 °C	
Rated voltage	60 V
Rated voltage	48 V _{AC} /60 V _{DC}
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+85 °C

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



Technische Daten

Approvals	cULus
Note	- We reserve the right to make technical alterations without prior notice.