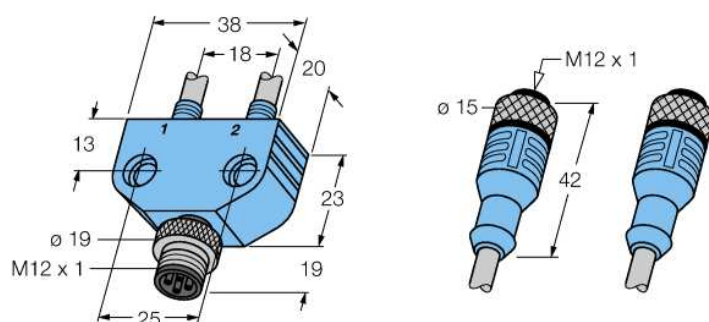


2 port junction systems

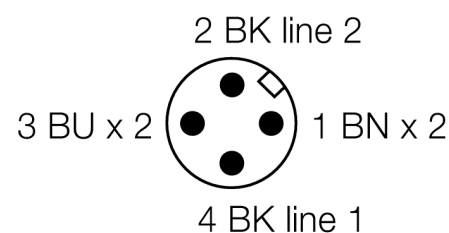
block junction M12 x 1, male - 2 female connectors

FSM4-2WAK3-5/5/S89/S90



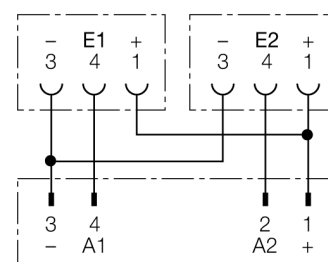
- robust, plastic-moulded block junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- mounting drill holes for optimum mounting in the field
- PUR cable

Wiring diagram



Cable quality S90

All-round cable with PUR cable jacket and PVC conductor insulation suited for use in tooling machinery, assembly and production lines and machining applications. The cable features good resistance against oils and chemicals and is highly abrasion-resistant.



Type code	FSM4-2WAK3-5/5/S89/S90
Ident no.	8009588
Junction box	Block junction, with cable
Number of pins	4/3
Connector B side	male connector, 1x, M12 x 1, straight
Number of pins	3
Grip	plastic, TPU, blue
Contact carriers	plastic, TPU, black
Contacts	metal, CuZn, gold-plated
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	IP67, (screwed together)
Mechanical lifespan	> 100 mating cycles
Pollution degree	3
Connector	female connector, 2x, M12 x 1, straight
Polarity	3-pole
Grip	plastic, TPU, blue
Contact carriers	plastic, TPU, black
Contacts	metal, CuZn, gold-plated
Coupling nut/screw	metal, CuZn, nickel-plated
Seal	plastic, FKM/FPM
Protection class	IP67, only in screwed state
Mechanical lifespan	> 100 contact durability
Pollution degree	3
Cable	S90, LiYY11Y, 5.2
Cable length	5/ 5m
Cable sheath	PUR/PVC, GY
Core insulation	PVC
Core colors	BN, BU, BK
Core cross-section	4x0.34mm ²
Litz wire arrangement	43x0.1 mm
Bending radius (mobile)	min. 10 x Ø cable
Rated voltage [Umax]	250 V
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ⁸ Ω
Ambient temperature junction	-30 ... +90°C
Cable ambient temperature	-40... +80°C