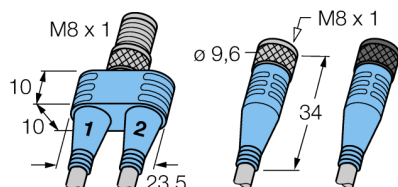


2 port junction systems

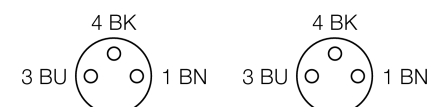
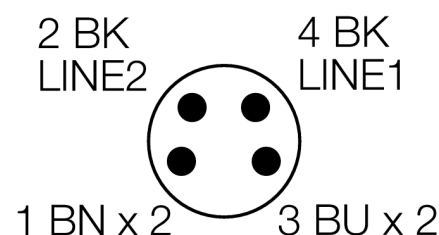
Y junction, M8 x 1, male connector - 2 female M8 x 1 connectors, with cable

MB-SSP4-2SKP3-2/2/S90



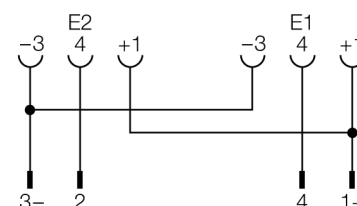
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PUR cable

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	MB-SSP4-2SKP3-2/2/S90
Ident no.	8027872
Junction box	Y-piece, with cable, screwable
Number of pins	4/3
Grip	plastic, TPU, blue
Connector B side	male connector, 1x, M8x1, 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, M8x1, straight
Polarity	3-pole
Grip	plastic, TPU, blue
Contact carriers	plastic, TPU, black
Contacts	metal, CuZn, gold-plated
Coupling nut/screw	metal, CuZn, channel 1: PTFE/Channel 2: nickel-plated
Seal	plastic, FKM/FPM
Protection class	IP67, only in screwed state
Mechanical lifespan	> 100 contact durability
Pollution degree	3
Cable	S90, LifYY11Y, 4.4
Cable length	2/ 2m
Cable sheath	PUR/PVC, GY
Core insulation	PVC
Core colors	BN, BU, BK
Core cross-section	3x0.25mm ²
Litz wire arrangement	32x0.1 mm
Bending radius (mobile)	min. 10 x Ø cable
Rated voltage [Umax]	30 V
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ⁹ Ω
Ambient temperature junction	-30 ... +90°C
Cable ambient temperature	-40... +80°C