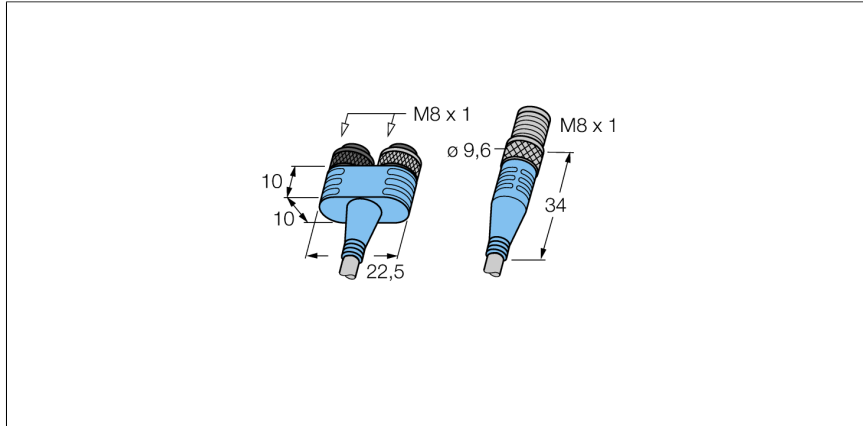
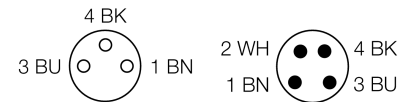
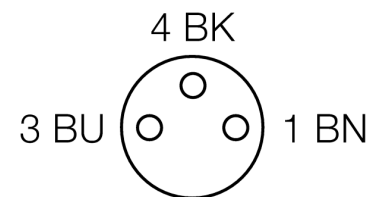


**2 port junction systems**  
**Y junction, M8 x 1; 2 female connectors with cable - male connector**  
**MB-2SKP3-0,6-SSP4/S77/S366**



- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PUR cable for demanding applications
- flexible design for trailing applications
- PVC and halogen-free

**Wiring diagram**



<b>Type code</b>	MB-2SKP3-0,6-SSP4/S77/S366
Ident no.	8027958
<b>Junction box</b>	Y-piece, with cable, screwable
Number of pins	3/4
Grip	plastic, TPU, blue
Connector B side	female connector, 2x, M8x1, straight
Number of pins	3
Grip	plastic, TPU, blue
Contact carriers	plastic, PA 6 GF, black
Contacts	metal, CuZn, gold-plated
Coupling nut/screw	metal, CuZn, channel 1 PTFEised/channel 2 nickel-plated
Seal	plastic, FPM/FKM
Protection class	IP67, (screwed together)
Mechanical lifespan	> 100 mating cycles
Pollution degree	3
<b>Connector</b>	Connector, 1x, M8x1, straight
Polarity	4-pole
Grip	plastic, TPU, blue
Contact carriers	plastic, TPU, black
Contacts	metal, CuZn, gold-plated
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	IP67, only when plugged in
Mechanical lifespan	> 100 contact durability
Pollution degree	3/2
<b>Cable</b>	S366, Li9YH-11YH, 4.8
Cable length	0.6m
Cable sheath	PUR, GY
Core insulation	PP
Core colors	BN, WH, BU, BK
Core cross-section	4x0.34mm <sup>2</sup>
Litz wire arrangement	34x0.1 mm
Bending radius (mobile)	min. 10 x Ø cable
<b>Rated voltage [Umax]</b>	30 V
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 <sup>8</sup> Ω
Ambient temperature junction	-30 ... +90°C
Cable ambient temperature	-40... +90°C

**Cable quality S366**

Flexible PVC and halogen-free control cable with PUR jacket and polypropylene conductor insulation. The temperature resistance ranges from 40°C up to +90°C. Oil resistance and flame retardance according to VDE 0472 are fulfilled. This cable is suited for flexible use in robot technology, tooling machines and in machining applications.

