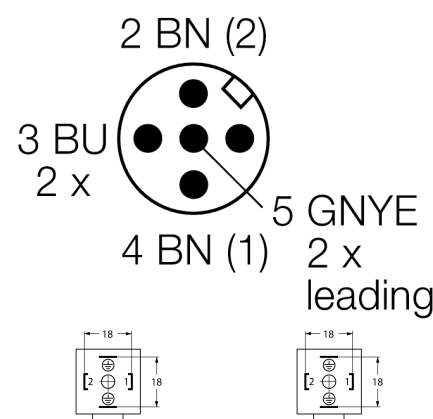


2 port junction systems

Y junction male M12 x 1 connector - 2 valve connectors type A FSM5-2VAS22-2.048-2/2/S74

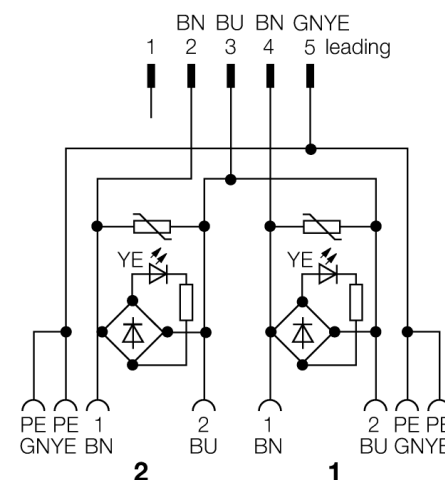
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PUR cable
- PVC and halogen-free

Wiring diagram



Cable quality S74

Specially developed, high-flex control cable suited for use on industrial robots, rotation and tilting tables. These cables are used in those applications where bending and torsional stress occur simultaneously and long-life characteristics are indispensable. The PUR cable jacket provides excellent resistance to oils, lubricants, cooling agents and other aggressive media.



Type code	FSM5-2VAS22-2.048-2/2/S74
Ident no.	8009647
Junction box	Y-piece, with cable
Number of pins	3/2+PE
Number of LEDs	1
Connector B side	male connector, 1x, M12 x 1, straight
Number of pins	2+PE, PE bridged
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	Valve connector, 2x, construction type A, straight
Polarity	2-pole + PE, PE jumpered
Grip	plastic, TPU, black
Contact carriers	plastic, TPU, black
Fiber-optic sensor	plastic, PC transparent
Contacts	metal, CuSn, silver-plated
Seal	plastic, TPU
Coupling nut/screw	metal, CuZn, nickel-plated
Protection class	IP67, only in screwed state
Protective component	Varistor
Display switch state	LED, yellow
Pollution degree	3
Cable	S74, D12YSL11Y-JB, 5.2
Cable length	2/ 2m
Cable sheath	PUR, OG
Core insulation	TPE
Core colors	BN, BU, GNYE
Core cross-section	3x0.34mm ²
Litz wire arrangement	19x0.15 mm
Core cross-section PE	1x0.5mm ²
Litz wire design PE	16x0.2mm
Bending radius (mobile)	min. 10 x Ø cable
Rated voltage [U_{max}]	max. 48 V _{ACDC}
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ⁹ Ω
Ambient temperature junction	-30 ... +90°C
Cable ambient temperature	-50... +105°C