

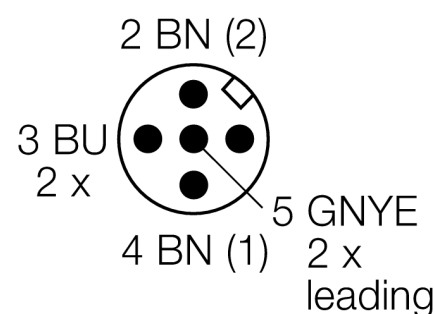
2 port junction systems

Y junction male M12 x 1 connector - 2 valve connectors type A

FSM5-2VAS22-2.048-0,3/0,3/S90

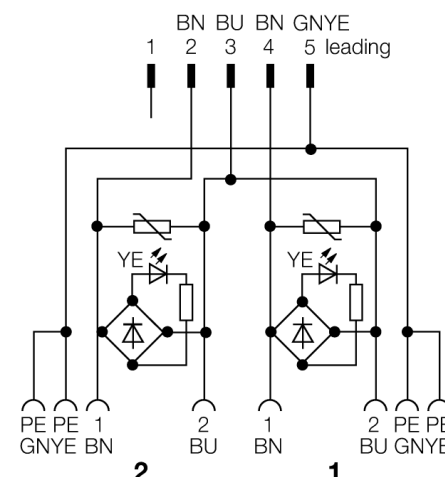
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- PUR cable

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	FSM5-2VAS22-2.048-0,3/0,3/S90
Ident no.	8008116

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	S90, LifYY11Y, 5.2
Cable length	0.3/ 0.3m
Cable sheath	PUR/PVC, GY
Core insulation	PVC
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 [Umax]	max. 48 V _{ACDC}
Ampacity	4 A
Forward resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ⁶ Ω
Ambient temperature junction	-30 ... +90°C
Cable ambient temperature	-40... +80°C