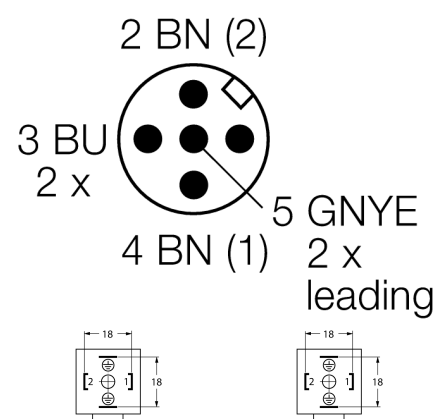


2 port junction systems

Y junction male M12 x 1 connector - 2 valve connectors type A FSM5-2VAS22-2.048-5/5/XOR

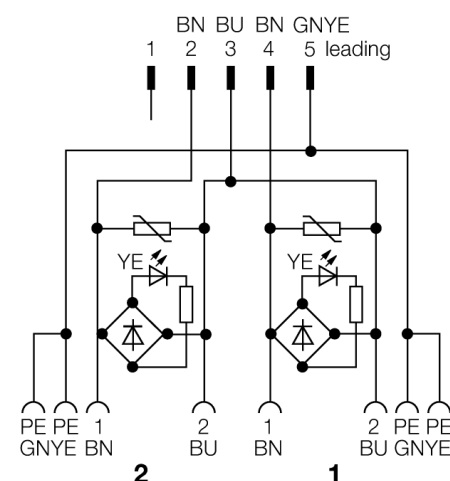
- robust and pre-assembled Y junction
- Degree of protection IP67
- also available with different cable lengths and of different materials
- irradiated PVC
- high short-term temperature resistance (+250 °C)

Wiring diagram



Cable quality XOR

Due to its irradiated cable jacket, this pure PVC cable features increased thermostability at higher temperatures, improved mechanical rigidity, resistance to chemicals and abrasion compared to a standard PVC cable.



Type code	FSM5-2VAS22-2.048-5/5/XOR
Ident no.	8009650
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	XOR, LiXX, 5.2
Cable length	5/ 5m
Cable sheath	PVC, OG
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 ⁹ Ω
Ambient temperature junction	-30 ... +90 °C
Cable ambient temperature	-40 ... +80 °C +250 °C short-term