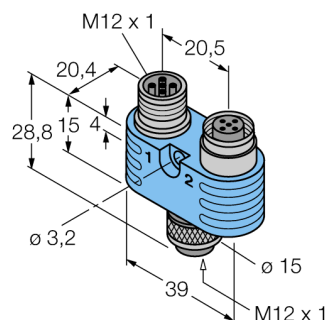


2-port Junction Systems

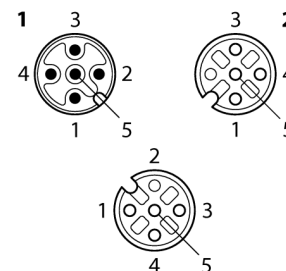
Y-Splitter without Cable, M12 × 1 Female - Male, M12 × 1 Female

MB-FKM5-FSM5-FKM5

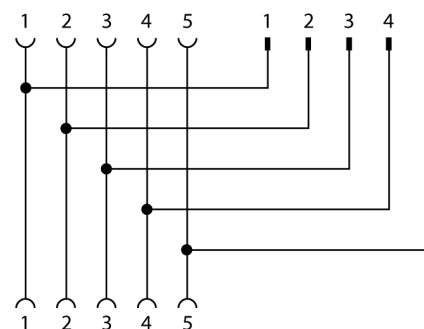


- M12 female – M12 male – M12 female, 5-pin
- Wired in parallel
- RoHS-compliant
- Protection classes IP65, IP67, IP68

Pin Assignment



Circuit Diagram



Type designation	MB-FKM5-FSM5-FKM5
Ident no.	8024976
Y-Splitter	2-port
Connector A side	Female, Male - Female, M12 x 1
Number of pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Grip	Plastic, TPU, blue
Coupling nut/screw	Brass, CuZn, nickel-plated
Seal	plastic, FKM/FPM
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP65, IP67, IP68, A + B side screwed together
Tightening torque	0.8 ... 1 Nm (observe max. torque of counter piece!)

Electrical features at +20 °C

Rated voltage	60 V
Ampacity	4 A
Insulation resistance	$\geq 10^9 \Omega$
Forward resistance	$\leq 5 \text{ m}\Omega$

Ambient temperature

In motion	-30...+90°C
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