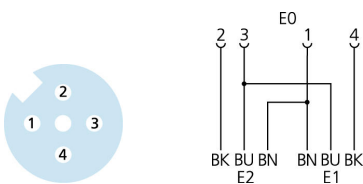
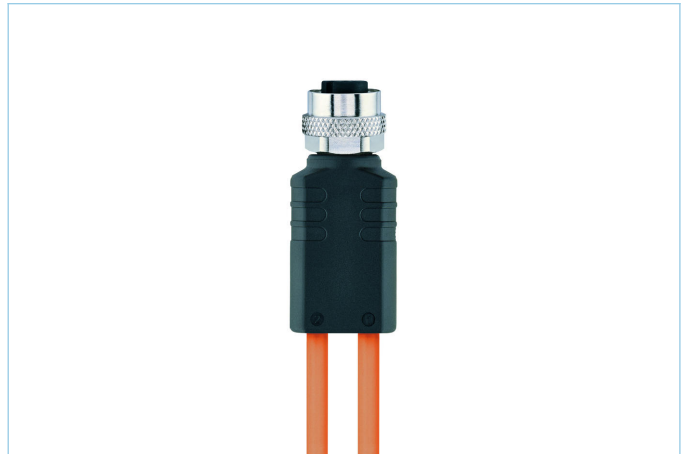
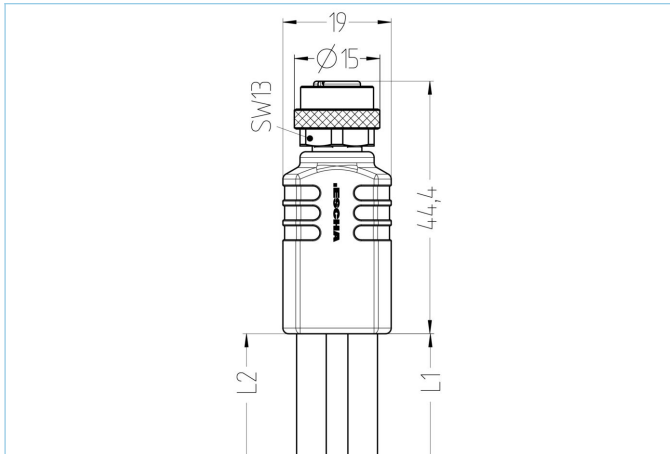


Y-splitter, M12, female, straight, 4 poles, with open cable end



Product data			
Item description	YK-FK4M12-5/5/S7400		
Item-No.	8075700		
Length	5m		
Customs tariff-No.	85444290		
Step-File	YK-FK4M12-L_L.stp		
EAN	4047106175528		
Technical data	Exit 0	Exit 1	Exit 2
Connector	female, M12, straight	open cable end	open cable end
Contact material	Metal, CuZn, gold-plated		
Contact-carrier material	Plastic, TPU, BK		
Coupling nut material	Metal, CuZn, nickel-plated		
Rated voltage	60V		
Coding of	A		
Number of pins	4		
Current load (at 40°C)	4A		
Pin assignment	1 BN, 2 BK, 3 BU, 4 BK		
Insulation resistance	$\geq 10^8 \Omega$		
Resistance	$\leq 5m\Omega$		
Ambient temperature product	$-30^\circ\text{C} \dots +90^\circ\text{C}$		
Grip body material	Plastic, TPU, BK		
Sealing (female) material	FPM/FKM		
Mechanical life-cycle	>100 mating cycles		
Standards	IEC 61076-2-101		
Degree of protection (mounted)	IP65, IP67, IP68		
Cable end assembly	open cable end		
Degree of pollution	3		

Cable web

PUR, UL, S7400, robotic

Flexible, silicone- and halogen free control cable with high mechanical strength. Due to its outstanding properties in drag-chain adaption, torsionresistance and weld-field immunity, it is very well suited for the flexible applications in robotics, handling- and assembly technology as well as machine tools. The cable meets the UL and CSA (UL10493/20549; cULus) requirements.

Outer diameter of jacket	4.80 mm
Cable-jacket material	PUR
Jacket color	OG, similar RAL2003
Wire cross-section	3 x 0.34 mm ²
Wire insulation material	PP
Wire colors	BN, BU, BK
Wire structure	42 x 0.10 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-30°C...+90°C
Temperature range (fixed)	-40°C...+90°C
Temperature range (drag chain)	-25°C...+60°C
Drag chain-application	≥ 10 Mio. cycles
Halogen-free	Yes
Torsion	+/-360°/m, ≥ 10 Mio. cycles
Rated voltage cable	≤300 V
Special features	flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant

Classification

eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060313
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Link to product

<https://www.escha.net/en/products/standard/t-splitters-y-splitters/8075700>