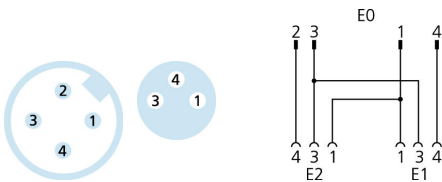
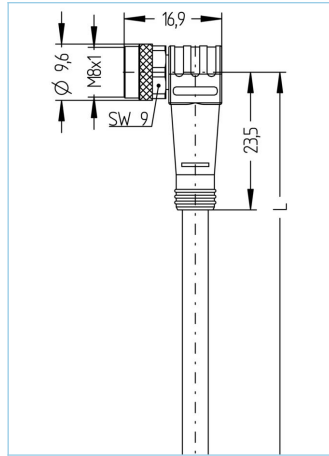
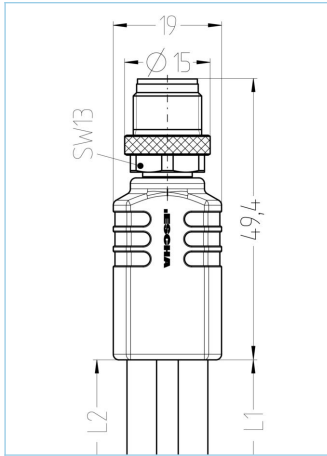


Y-splitter, M12, male, straight, 4 poles, with cable outlet, M8, female, angled, 3 poles, M8, female, angled, 3 poles



#### Product data

Item description	YK-FS4M12-2AL-SWKP3-1/1/S370
Item-No.	8076146
Length	1m
Customs tariff-No.	85444290
Step-File	YK-FS4M12-2AL-SWKP3-L_L.stp
EAN	4047106173494

Technical data	Exit 0	Exit 1	Exit 2
Connector	male, M12, straight	female, M8, angled	female, M8, female
Contact material	Metal, CuZn, gold-plated	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Rated voltage	60V	60V	60V
Coding of	A	A	A
Number of pins	4	3	3
Current load (at 40°C)	4A	4A	4A

Insulation resistance	$\geq 10^9 \Omega$
Ambient temperature product	-30°C...+90°C
Grip body material	Plastic, TPU, BK
Sealing (female) material	FPM/FKM
Mechanical life-cycle	>100 mating cycles
Standards	IEC 61076-2-101/-104
Degree of protection (mounted)	IP65, IP67, IP68
Degree of pollution	3

## Cable web

PUR, UL, S370

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

Outer diameter of jacket	4.00 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	3 x 0.25 mm <sup>2</sup>
Wire insulation material	PP
Wire colors	BN, BU, BK
Wire structure	32 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	5 Mio. cycles
Halogen-free	Yes
Torsion	+/-360°/m, ≥ 2 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/8076146>