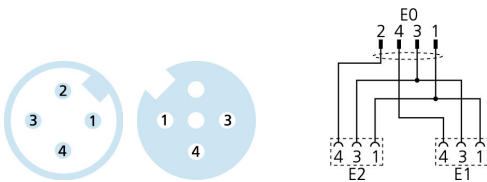
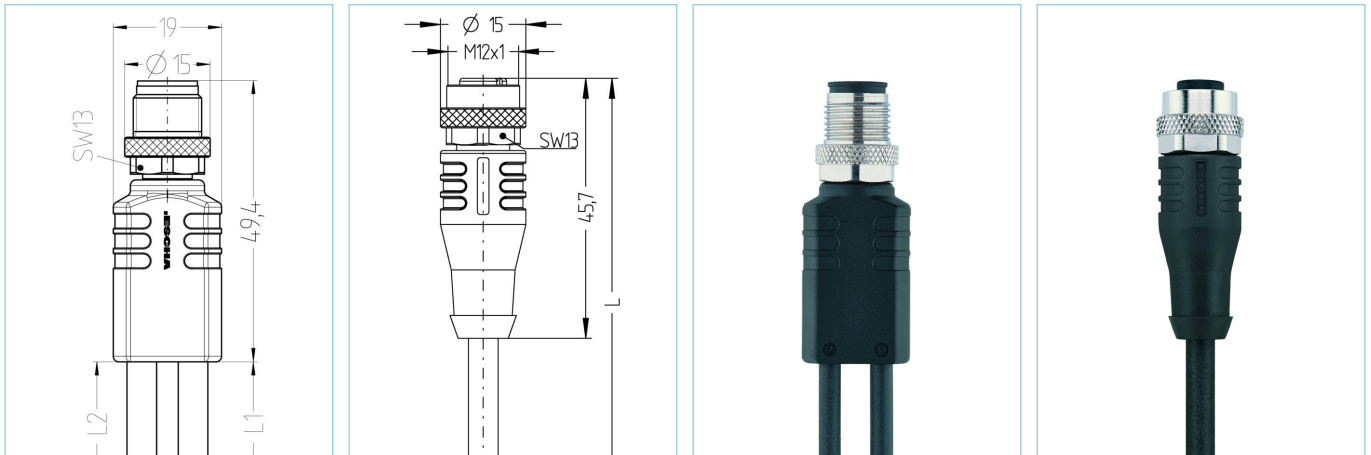


Y-splitter, M12, male, straight, 4 poles, with cable outlet, M12, female, straight, 3 poles, M12, female, straight, 3 poles



Product data

Item description	YK-FS4M12-2AL-WAKS3-m/m/S370
Item-No.	V0005054
Length	on demand
Customs tariff-No.	85444290

Technical data	Exit 0	Exit 1	Exit 2
Connector	male, M12, straight	female, M12, straight	female, M12, straight
Contact material	Metal, CuZn, gold-plated	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Rated voltage	60V	250V	250V
Coding of	A	A	A
Number of pins	4	3	3
Current load (at 40°C)	4A	4A	4A
shielding	without shielding	with shielding	with shielding

Insulation resistance	$\geq 10^9 \Omega$
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 web

PUR, UL, S370

Flexible, silicone- and halogen-free control cable with high mechanical strength. The cable is chemicals, hydrolysis-, and microbesresistant. The drag-chain application is possible at a bending radius of minimum $10 \times d$. 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. Very good EMC-features with shielded versions.

Outer diameter of jacket	4.80 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
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)	12 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
Shielding	Yes
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