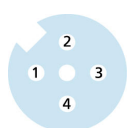
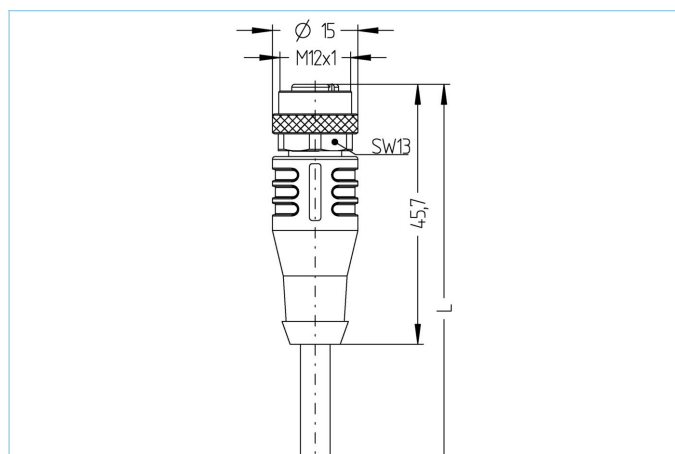


Extension cable, Automation Line, M12x1, shielded



Product data

Item description	AL-WAKS4-2/S370
Item-No.	8046229
Length	2m
Customs tariff-No.	85444290
Step-File	AL-WAKS4.stp

Technical data

Connector	Female, M12x1, straight
Number of pins	4
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK
Coding	A
Rated voltage	250V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Shielding	Yes, 360°
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3

Cable
S370

Flexible, silicone- and halogen-free control cable with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes-resistant. The drag-chain application is possible at a bending radius of minimum $10 \times d$. 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	5,10 mm
Cable-jacket material	PUR
Jacket color	black, similar RAL9005
Wire cross-section	4 x 0.34 mm ²
Wire insulation material	PP
Wire colors	BN, WH, BU, BK
Conductor 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
Shielding	Yes
Halogen-free	Yes
Rated voltage cable	≤300 V
Special features	flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant, halogen free, silicone free, oil resistant