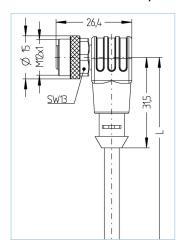
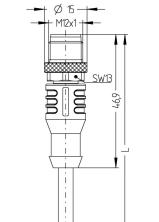


Double-ended cordset, Automation Line, M12x1













Product data	
Item description	AL-WWAK5-5-AL-WAS5/S370GY
Item-No.	8059006
Length	5m
Customs tariff-No.	85444290
Step-File	AL-WWAK5_AL-WAS5.stp
EAN	4047106145255
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, M12x1, angled	male, M12x1, straight
Number of pins	4+PE	4+PE
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GN/YE	1 BN, 2 WH, 3 BU, 4 BK, 5 GN/YE
Coding of	A	А
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	>=10°Ω	>=10°Ω
Resistance	≤ 5mΩ	≤ 5mΩ
Ambient temperature product	-30°C+90°C	-30°C+90°C
Contact material	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM	
Standards	IEC 61076-2-101	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3



Cable S370GY, PUR, UL

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	5,20 mm	
Cable-jacket material	PUR	
Jacket color	GY, similar RAL7040	
Wire cross-section	5 x 0.34 mm ²	
Wire insulation material	PP	
Wire colors	BN, WH, BU, BK, GN/YE	
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	
Drag chain-application	3 Mio. cycles	
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 resistent, halogen free, silicone free, oil resistant	
Classification		
eCl@ss 6.0	27279218	
eCl@ss 7.0	27279218	
eCl@ss 8.0	27279218	
eCl@ss 9.0	27060311	
ETIM 5.0	EC001855	
ETIM 6.0	EC001855	
Accessories	Web-Link	
Mounting-set, M12x1	https://www.escha.net/en/search?sSearch=8047664	
Torque-wrench set	https://www.escha.net/en/search?sSearch=8055431	
Marking rings Ø 9mm	https://www.escha.net/en/products/accessoires/marking-rings/	