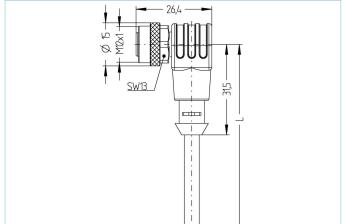


M12, female, angled, 3 poles, sensor-/actuator cable









Product data	
Item description	AL-WWAK3-5/S370GY
Item-No.	8058872
Length	5m
Customs tariff-No.	85444290
Step-File	AL-WWAK3.stp
EAN	4047106143831
Technical data	
Connector	female angled M12
	female, angled, M12
Number of pins	3
Pin assignment	1 BN, 3 BU, 4 BK
Coding	A
Rated voltage	250V
Current load per pin (at 40°C)	4A
Insulation resistance	>=10°Ω
Resistance	$\leq 5 \text{m}\Omega$
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
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
Style	angled



PUR, UL, S370GY Cable

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The dragchain 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	4.30 mm
Cable-jacket material	PUR
· · · · · · · · · · · · · · · · · · ·	-
Jacket color	GY, similar RAL7040
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	5 Mio. cycles
Halogen-free	Yes
Torsion	+/-360°/m, ≥ 2 Mio. cycles
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
Classification	
eCl@ss 6.0	27279218

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

 $Mounting-set, M12 \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664}$

Torque-wrench set

 $\label{lem:marking} Marking\ rings\ \varnothing\ 9mm \\ \mbox{https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809 \\$

Cable Stripping Tool ducts/standard/accessories-for-connectivity/8066215

Cable Stripping Tool /products/standard/accessories-for-connectivity/8066216

Link to product

https://www.escha.net/en/products/standard/sensoractuator-connectors/8058872/m12-female-angled-3-poles-sensor-factuator-cable and the sensoractuator of the sensoractuator of