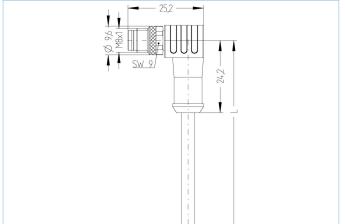


M8, male, angled, 5 poles, shielded, sensor-/actuator cable









Product data	
Item description	AL-SWSPS4.5-2/S370GY
Item-No.	8091628
Length	2m
Customs tariff-No.	85444290
Step-File	AL-SWSPS4_5.stp
EAN	4047106262334
Technical data	
Connector	male, angled, M8
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Rated voltage	30V
Current load per pin (at 40°C)	3A
Insulation resistance	≥10°Ω
Resistance	$\leq 5 \text{m}\Omega$
Ambient temperature product	-30°C+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-104
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 web

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	5.10 mm
Cable-jacket material	PUR
Jacket color	GY, similar RAL7040
Wire cross-section	5 x 0.25 mm²
Wire insulation material	PP
Wire colors	BN, WH, BU, BK, GY
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	>3 Mio. cycles
Shielding	Yes
Halogen-free	Yes
Torsion	+/-180°/m, < 1 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

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EC001855
EC001855

Accessories

 $Mounting-clip,\ M8\\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8047658}$

Torque-wrench set https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431

Marking rings Ø 9mm

n/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809

 $\begin{array}{l} \text{Screw cap, M8} \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8081761} \end{array}$ Cable Stripping Tool

/en/products/standard/accessories-for-connectivity/8066215

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

Link to product

https://www.escha.net/en/products/standard/sensoractuator-connectors/8091628