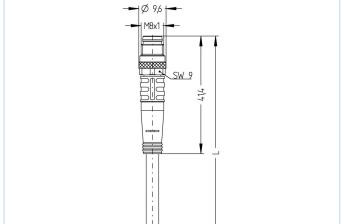


M8, male, straight, 5 poles, sensor-/actuator cable









Product data			
Item description	AL-SSP4.5-2/S370		
Item-No.	8050052		
Length	2m		
Customs tariff-No.	85444290		
Step-File	AL-SSP4_5.stp		
EAN	4047106009793		
Technical data			
Connector	male, straight, 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	≤5mΩ		
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		
Sealing (female) material	FPM/FKM		
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		



Cable PUR, UL, \$370

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	4.70 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
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
Halogen-free	Yes
Torsion	+/-180°/m, < 1 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
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

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 $Mounting-set,\ M8\\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663}$

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

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

Cable Stripping Tool

ducts/standard/accessories-for-connectivity/8066215

Cable Stripping Tool

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Link to product

https://www.escha.net/en/products/standard/sensoractuator-connectors/8050052