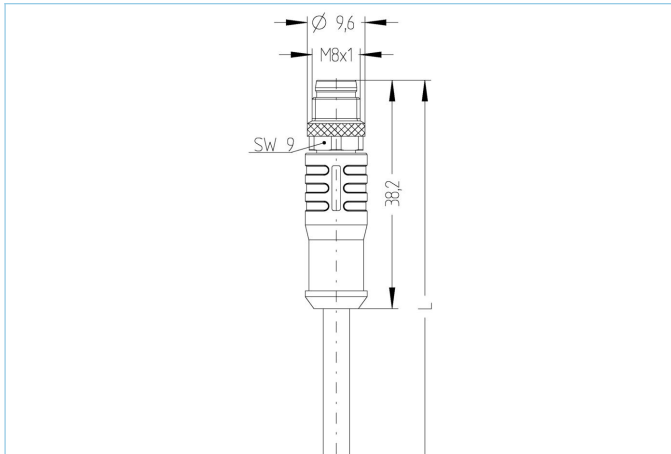


## M8, male, straight, 3 poles, shielded, sensor-/actuator cable



Product data	
Item description	AL-SSPS3-3/S370GY
Item-No.	8104278
Length	3m
Customs tariff-No.	85444290
Step-File	AL-SSPS3.stp
EAN	4047106291310
Technical data	
Connector	male, straight, M8
Number of pins	3
Pin assignment	1 BN, 3 BU, 4 BK
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	≥10 <sup>9</sup> Ω
Resistance	≤ 5mΩ
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
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	straight

**Cable web**
**PUR, UL, S370GY**

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	4.4 mm
Cable-jacket material	PUR
Jacket color	GY, similar RAL7040
Wire cross-section	3 x 0.25 mm <sup>2</sup>
Wire insulation material	PP
Wire colors	BN, BU, BK
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	5 Mio. cycles
Shielding	Yes
Halogen-free	Yes
Torsion	+/-360°/m, ≥ 2 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
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

**Accessories**
**Mounting-clip, M8**
<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**
<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809>
**Screw cap, M8**
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081761>
**Cable Stripping Tool**
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215>
**Cable Stripping Tool**
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216>