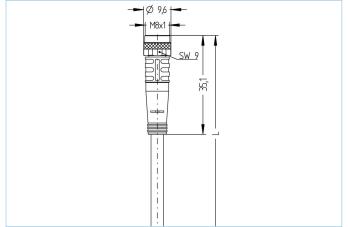


## M8, female, straight, 4 poles, sensor-/actuator cable









Product data	
Item description	AL-SKP4-5/S7400
Item-No.	8067456
Length	5m
Customs tariff-No.	85444290
Step-File	AL-SKP4.stp
EAN	4047106153168
Technical data	
Connector	female, straight, M8
Number of pins	4
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	≥10°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
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	3/2
Style	straight



## Cable web PUR, UL, S7400, robotic

Flexible, silicone- and halogen free control cable with high mechanical strength. Due to its outstanding properties in drag-chain adaption, torsionresistance and weld-field immunity, it is very well suited for the flexible applications in robotics, handling- and assembly technology as well as machine tools. The cable meets the UL and CSA (UL10493/20549; cULus) requirements.

Outer diameter of jacket	4.80 mm	
Cable-jacket material	PUR	
Jacket color	OG, similar RAL2003	
Wire cross-section	4 x 0.25 mm <sup>2</sup>	
Wire insulation material	PP	
Wire colors	BN, WH, 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	
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

n/products/standard/accessories-for-connectivity/8047658

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

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

 $Screw\ plug,\ M8 \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771}$ 

Cable Stripping Tool https://www.escha.net/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/8067456