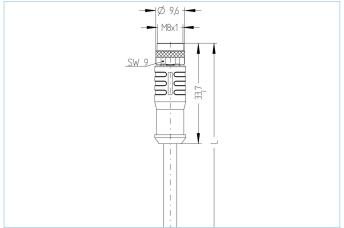


## M8, female, straight, 3 poles, shielded, sensor-/actuator cable









Product data	
Item description	AL-SKPS3-10/P00
Item-No.	8051142
Length	10m
Customs tariff-No.	85444290
Step-File	AL-SKPS3.stp
EAN	4047106015725
Technical data	
Connector	female, 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°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
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 PVC, P00, GY

PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry. Very good EMC-features with shielded versions.

Outer diameter of jacket	4.60 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	3 x 0.25 mm <sup>2</sup>
Wire insulation material	PVC
Wire colors	BN, BU, BK
Wire structure	14 x 0.15 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	0°C+80°C
Temperature range (fixed)	-25°C+80°C
Shielding	Yes
Rated voltage cable	≤300 V
Special features	seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof

	resistant, ozone resistant, UV resistant, hydrolysis proof	
Classification		
	27270240	

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

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

Torque-wrench set

:ha.net/en/products/standard/accessories-for-connectivity/8055431

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

Cable Stripping Tool

oducts/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/8051142