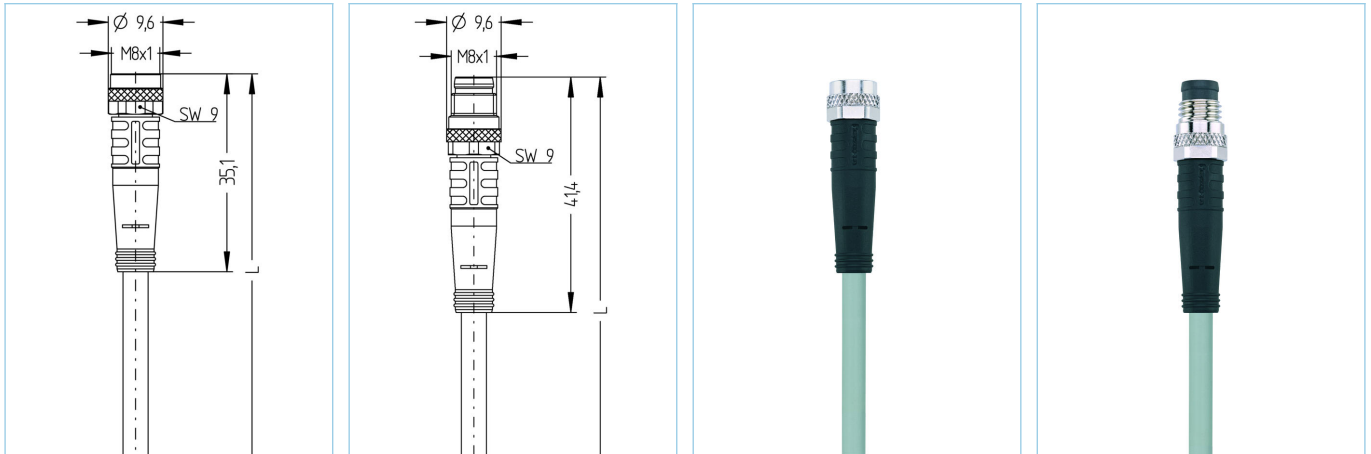


M8, female, straight, 3 poles, M8, male, straight, 3 poles, sensor-/actuator cable



Product data		
Item description	AL-SKP3-5-AL-SSP3/P01	
Item-No.	8051644	
Length	5m	
Customs tariff-No.	85444290	
Step-File	AL-SKP3_AL-SSP3.stp	
EAN	4047106030827	
Technical data	A-side	B-side
Connector	female, straight, M8	male, straight, M8
Number of pins	3	3
Pin assignment	1 BN, 3 BU, 4 BK	1 BN, 3 BU, 4 BK
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	≥10 <sup>8</sup> Ω	≥10 <sup>8</sup> Ω
Resistance	≤ 5mΩ	≤ 5mΩ
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM	
Standards	IEC 61076-2-104	IEC 61076-2-104
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

**Cable web** PVC, UL, P01, 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.

Outer diameter of jacket	4.30 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
Rated voltage cable	≤300 V
Special features	good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater 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 plug, M8**

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771>

**Screw cap, M8**

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081761>

**Link to product**

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8051644>