ESCHA

M8, female, straight, 8 poles, M8, male, straight, 8 poles, sensor-/actuator cable
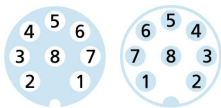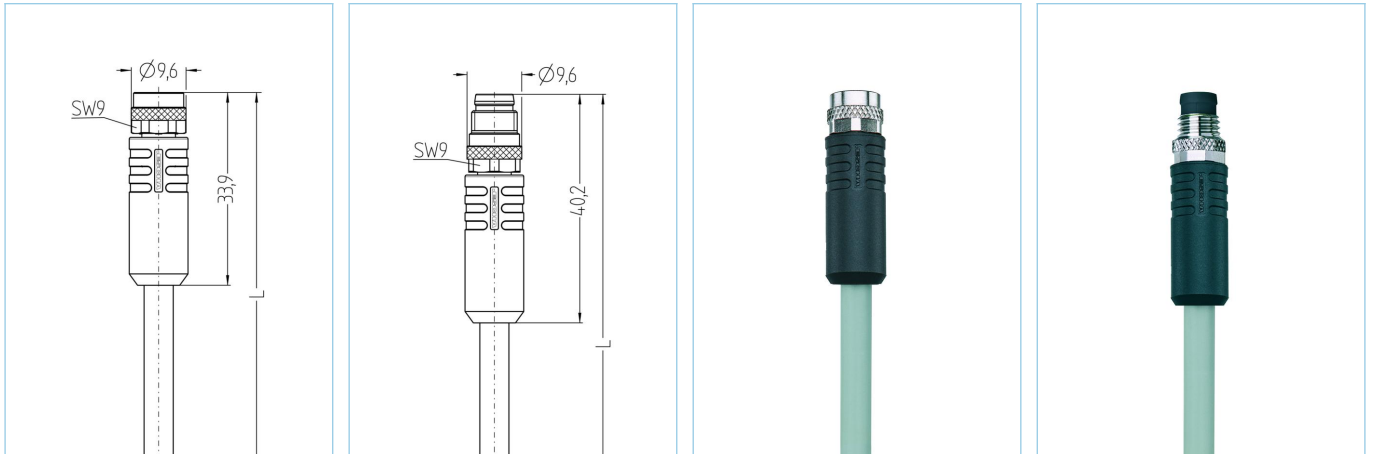
Product data

Item description	AL-SKP8-5-AL-SSP8/P00
Item-No.	8106215
Length	5m
Customs tariff-No.	85444290
Step-File	AL-SKP8-m-AL-SSP8.stp
EAN	4047106295868

Technical data

Technical data	A-side	B-side
Connector	female, straight, M8	male, straight, M8
Number of pins	8	8
Pin assignment	1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD	1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD
Rated voltage	30V	30V
Current load (at 40°C)	1.5A	1.5A
Insulation resistance	≥10^{8}Ω	≥10^{8}Ω
Resistance	≤ 5mΩ	≤ 5mΩ
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, 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, 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.

Outer diameter of jacket	5.70 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	8 x 0.25 mm²
Wire insulation material	PVC
Wire colors	WH, BN, GN, YE, GY, PK, BU, RD
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
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/8106215

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence. ESCHA GmbH & Co. KG | Elberfelder Str.32 | 58553 Halver / Germany | Phone +49 2353 708 - 800 | Fax +49 2353 708 - 8410 | version: 30.04.2024 8106215 page: 2