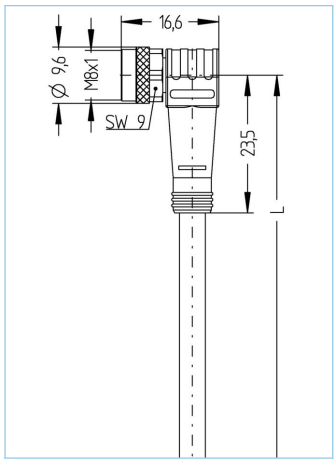
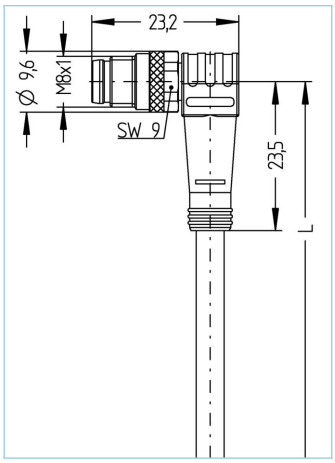
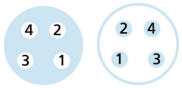
Double-ended cordset, Automation Line, M8







Product data	
Item description	AL-SWKP4-5-AL-SWSP4/P01BK
Item-No.	8081945
Length	5m
Customs tariff-No.	85444290
Step-File	AL-SWKP4_AL-SWSP4.stp
EAN	4047106233754
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, angled, M8	male, angled, M8
Number of pins	4	4
Pin assignment	1 BN, 2 WH, 3 BU, 4BK	1 BN, 2 WH, 3 BU, 4BK
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	≥10^8Ω	≥10^8Ω
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	3/2	3/2

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Cable	PVC, P01BK, UL

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	4,70 mm
Cable-jacket material	PVC
Jacket color	BK, similar RAL9005
Wire cross-section	4 x 0.25 mm²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK
Conductor 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	seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone 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-set, M8
https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047663/Mounting-set-M8-clips-and-screws-M4x8-black

Torque-wrench set
https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12

Marking rings Ø 9mm
https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809

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