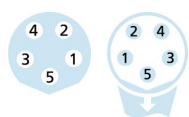
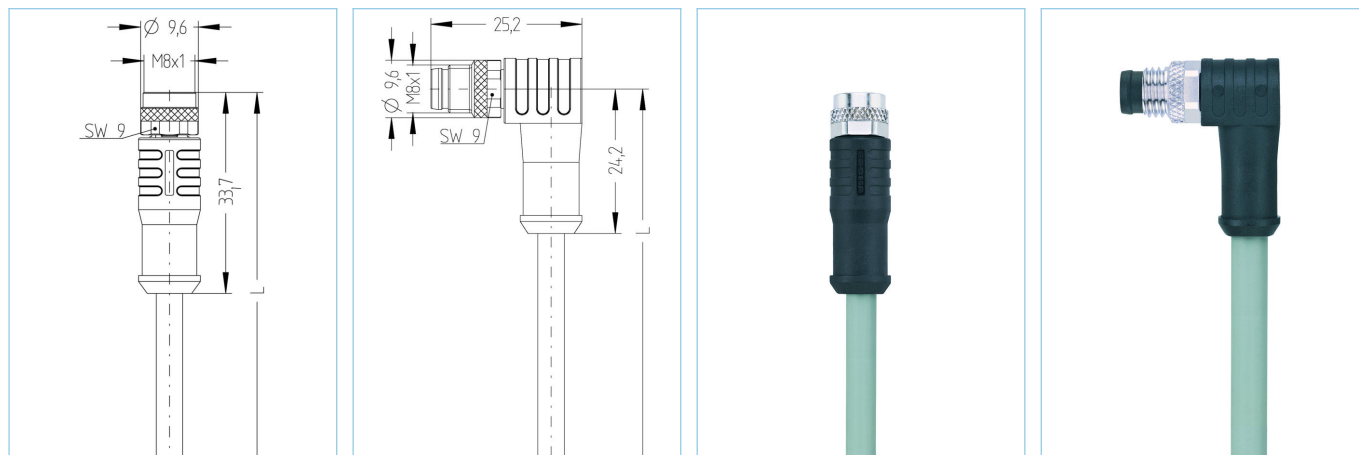


# M8, female, straight, 5 poles, M8, male, angled, 5 poles, shielded, sensor-/actuator cable



## Product data

Item description	AL-SKPS4.5-m-AL-SWSPS4.5/P00
Item-No.	V0002861
Länge	on demand
Customs tariff-No.	85444290
Step-File	AL-SKPS4_5_AL-SWSPS4_5.stp

Technical data	A-side	B-side
Connector	female, straight, M8	male, angled, M8
Number of pins	5	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Rated voltage	30V	30V
Current load (at 40°C)	3A	3A
Insulation resistance	$\geq 10^9 \Omega$	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$	$\leq 5 m\Omega$
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	
Shielding	with shielding	with shielding
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. Very good EMC-features with shielded versions.

Outer diameter of jacket	5.30 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	5 x 0.25 mm <sup>2</sup>
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK, GY
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	good resistance against oils and chemicals, hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, sea-water 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>