

Ø8mm snap, female, straight, 5 poles, sensor-/actuator cable



Product data

Item description	AL-KP4.5-5/P00
Item-No.	8050005
Length	5m
Customs tariff-No.	85444290
Step-File	AL-KP4_5.stp
EAN	4047106009434

Technical data

Connector	female, straight, Ø8mm snap
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Rated voltage	30V
Current load per pin (at 40°C)	3A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Sealing (female) material	FPM/FKM
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 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	4.50 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	5 x 0.25 mm ²
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
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, M12
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660>

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

Screw plug, Ø8mm snap
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081769>

Cable Stripping Tool
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215>

Cable Stripping Tool
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216>

Link to product

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8050005>