

Single-ended cordset, Automation Line, M12x1



Product data

Item description	AL-WAK4-5/P01
Item-No.	8051263
Length	5m
Customs tariff-No.	85444290
Step-File	AL-WAK4.stp
EAN	4047106017736

Technical data

Connector	female, M12x1, straight
Number of pins	4
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK
Coding	A
Rated voltage	250V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^8 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3

Cable	P01, PVC, 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	4,90 mm
Cable-jacket material	PVC
Jacket color	window grey, similar RAL7040
Wire cross-section	4 x 0.34 mm ²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK
Conductor structure	19 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
Accessories	Web-Link
Mounting-set, M12x1	https://www.escha.net/en/search?sSearch=8047664
Torque-wrench set	https://www.escha.net/en/search?sSearch=8055431
Marking rings Ø 9mm	https://www.escha.net/en/products/accessoires/markring-rings/
Cable Stripping Tool	https://www.escha.net/en/search?sSearch=8066215
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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