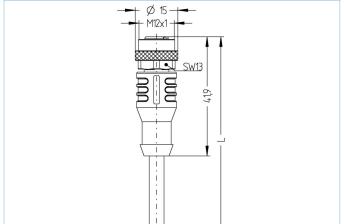


M12, female, straight, 4+PE, sensor-/actuator cable







Product data



Item description	AL-WAK5-5/P00
Item-No.	8051078
Length	5m
Customs tariff-No.	85444290
Step-File	AL-WAK5.stp
EAN	4047106013738
Technical data	
Connector	female, straight, M12
Number of pins	4+PE
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE
Coding	A
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	>=10°Ω
Resistance	$\leq 5 \text{m}\Omega$
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
Style	straight



	PVC. P00. GY	
Cable		

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	GY, similar RAL7040
Wire cross-section	4+1 x 0.34mm ²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK, GNYE
Wire 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

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, M12 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664

 $\label{thm:condition} Torque-wrench set $$ $ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 $$ thtps://www.escha.net/en/products/standard/accessories-f$

 $\label{lem:marking} \begin{array}{ll} Marking\ rings\ \varnothing\ 9mm \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809 \\ \end{array}$

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/8051078