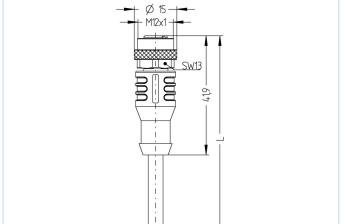


M12, female, straight, 8 poles, sensor-/actuator cable







Product data



1	141

Item description	AL-WAK8-2/P00
Item-No.	8051089
Length	2m
Customs tariff-No.	85444290
Step-File	AL-WAK8.stp
EAN	4047106013967
Technical data	
Connector	female, straight, M12
Number of pins	8
Pin assignment	1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD
Coding	A
Rated voltage	30V
Current load per pin (at 40°C)	2A
Insulation resistance	>=10°Ω
Resistance	≤5mΩ
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
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



Cable	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	5.70 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	8 x 0.25 mm ²
Wire insulation material	PVC
Wire colors	WH, BN, GN, YE, GY, PK, BU, RD
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	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/8051089