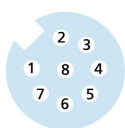
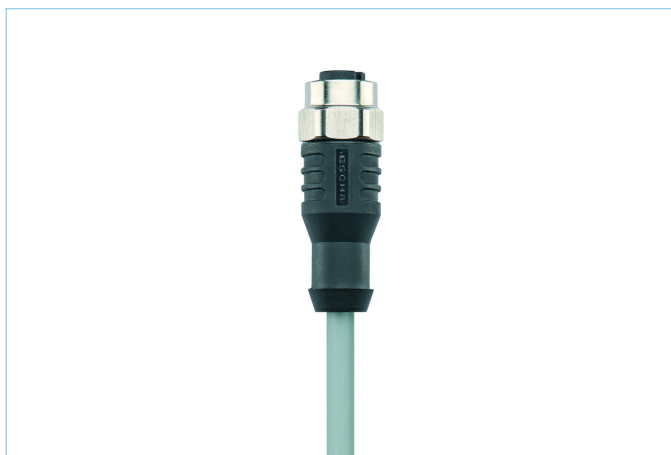
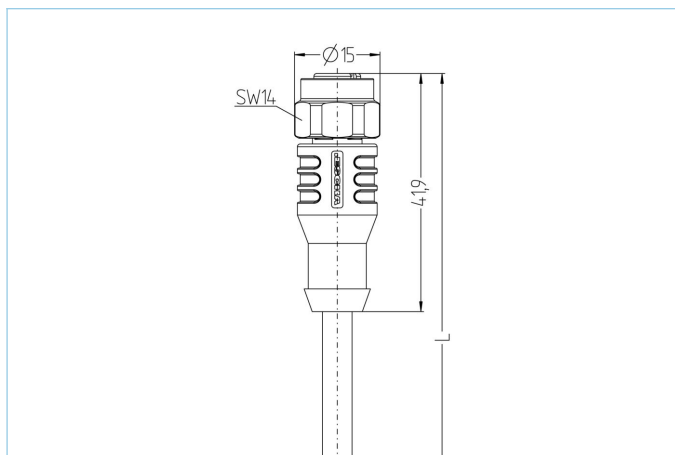


## M12, female, straight, 8 poles, stainless steel, sensor-/actuator cable



### Product data

Item description	AL-WAKE8-10/P01
Item-No.	8100792
Length	10m
Customs tariff-No.	85444290
Step-File	AL-WAKE8-m.stp
EAN	4047106282738

### 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	$\geq 10^8 \Omega$
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
Coupling nut material	Stainless steel, V4A
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

<b>Cable web</b>	<b>PVC, UL, P01, GY</b>
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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	6.20 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	8 x 0.25 mm <sup>2</sup>
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	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-set, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664>

##### 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, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=812>

##### 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>