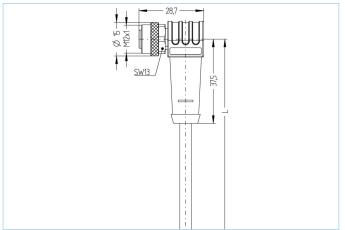


## M12, female, angled, 12 poles, shielded, sensor-/actuator cable









Product data	
Item description	AL-WWAKS12-m/P00
Item-No.	V0003802
Länge	on demand
Customs tariff-No.	85444290
Step-File	AL-WWAKS12-m.stp
Technical data	
Connector	female, angled, M12
Number of pins	12
Pin assignment	1 BN, 2 BU, 3 WH, 4 GN, 5 PK, 6 YE, 7 BK, 8 GY, 9 RD, 10 VT, 11 GYPK 12 RDBU
Coding	А
Rated voltage	30V
Current load per pin (at 40°C)	1.5A
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
Shielding	with shielding
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	angled



Cable web	PVC, P00, GY
Cable Web	P V C, P U C

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. Very good EMC-features with shielded versions.

Outer diameter of jacket	6.60 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	12 x 0.14 mm <sup>2</sup>
Wire insulation material	PVC
Wire colors	BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GYPK, RDBU
Wire structure	18 x 0.10 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
Shielding	Yes
Rated voltage cable	≤300 V
Special features	good resistance against oils and chemicals, hydrolysis proof, 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

 $Mounting-clip,\ M12\\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660}$ 

Torque-wrench set

v.escha.net/en/products/standard/accessories-for-connectivity/8055431

Marking rings Ø 9mm

t/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809

 $Screw\ plug,\ M12 \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity?} p=1\&o=3\&n=15\&f=812 \\$ 

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

Cable Stripping Tool

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