.ESCHA

M12, female, straight, 4 poles, grip body with thread, sensor-/actuator cable
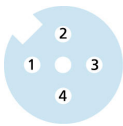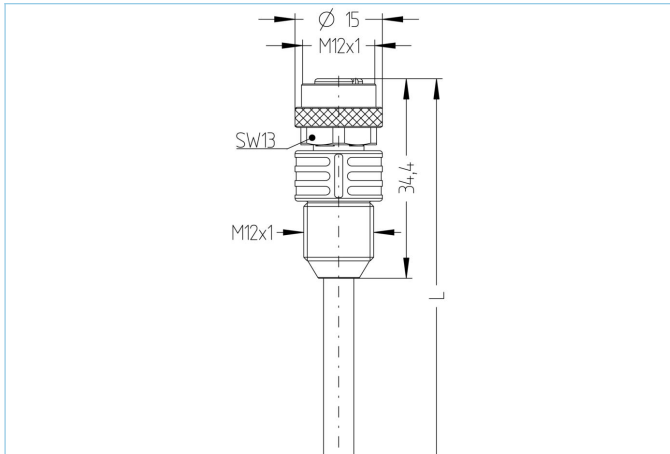
Product data	
Item description	AL-WAKG4-m/P00
Item-No.	V0004104
Länge	on demand
Customs tariff-No.	85444290
Step-File	AL-WAKG4.stp

Technical data	
Connector	female, straight, M12, grip body with thread
Number of pins	4
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK
Coding	A
Rated voltage	250V
Current load per pin (at 40°C)	4A
Insulation resistance	$>=10^8\Omega$
Resistance	$\leq 5m\Omega$
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

Cable web	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	4.50 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4 x 0.34 mm²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK
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	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
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
Adapter piece, M12, with protective hose

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.
ESCHA GmbH & Co. KG | Elberfelder Str.32 | 58553 Halver / Germany | Phone +49 2353 708 - 800 | Fax +49 2353 708 - 8410 | version: 19.09.2023 V0004104 page: 2