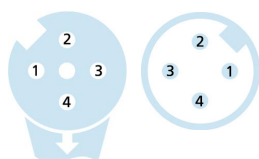
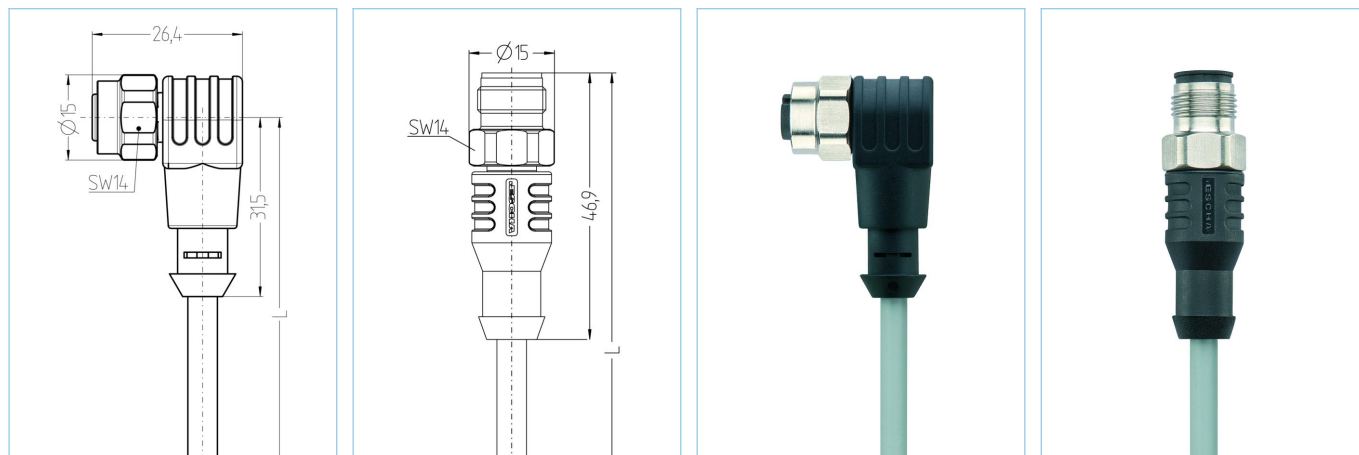


M12, female, angled, 4 poles, M12, male, straight, 4 poles, stainless steel, sensor-/actuator cable



Product data

Item description	AL-WWAKE4-1-AL-WASE4/P01
Item-No.	8100780
Length	1m
Customs tariff-No.	85444290
EAN	4047106284329

Technical data

	A-side	B-side
Connector	female, angled, M12	male, straight, M12
Number of pins	4	4
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK	1 BN, 2 WH, 3 BU, 4 BK
Coding of	A	A
Rated voltage	250V	250V
Current load (at 40°C)	4A	4A
Insulation resistance	$\geq 10^9 \Omega$	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Stainless steel, V4A	Stainless steel, V4A
Sealing (female) material	FPM/FKM	
Standards	IEC 61076-2-101	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

Cable web

PVC, UL, P01, 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	4.90 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4 x 0.34 mm ²
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

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>

Screw cap, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=811>