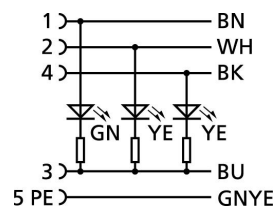
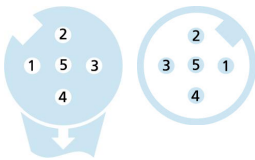


M12, female, angled, 4+PE, M12, male, straight, 4+PE, with LED, sensor-/actuator cable



**Product data**

Item description	AL-WWAK5P3-1-AL-WAS5/P00
Item-No.	8051552
Length	1m
Customs tariff-No.	85444290
Step-File	AL-WWAK5P3_AL-WAS5.stp
EAN	4047106023508

Technical data	A-side	B-side
Connector	female, angled, M12, with LED	male, straight, M12
Number of pins	4+PE	4+PE
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE
Coding of	A	A
Rated voltage	30V	60V
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, CuZn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, transparent	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM	
Circuit logic	pnp	
Signal status-indicator	LED YE/YE	
Operating voltage-indicator	LED GN	
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

<b>Cable web</b>	<b>PVC, P00, 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	4.90 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	4+1 x 0.34mm <sup>2</sup>
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK, GNYE
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

<b>Classification</b>
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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

<b>Accessories</b>
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Mounting-clip, M12 <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660</a>
Torque-wrench set <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431">https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431</a>
Marking rings Ø 9mm <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=809">https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=809</a>
Screw plug, M12 <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=812">https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=812</a>
Screw cap, M12 <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=811">https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=811</a>

<b>Link to product</b>
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<https://www.escha.net/en/products/standard/sensoractuator-connectors/8051552>