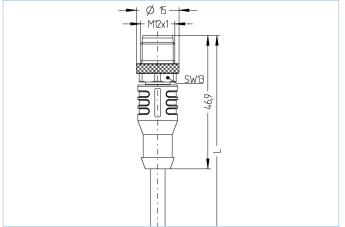


M12, male, straight, 4+PE, sensor-/actuator cable









Product data	
Item description	AL-WAS5-m/P01
Item-No.	V0003633
Länge	on demand
Customs tariff-No.	85444290
Step-File	AL-WAS5.stp
Technical data	
Connector	male, straight, M12
Number of pins	4+PE
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE
Coding	A
Rated voltage	60V
Current load per pin (at 40°C)	4A
Insulation resistance	>=10°Ω
Resistance	$\leq 5 \text{m}\Omega$
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
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 III P01 GV

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	5.30 mm	
Cable-jacket material	PVC	
Jacket color	GY, similar RAL7040	
Wire cross-section	4+1 x 0.34mm²	
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	

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 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660

 $Torque-wrench\ set\\ https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431$

Marking rings Ø 9mm

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

 $Screw\ cap,\ M12 \\ https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1\&o=3\&n=15\&f=811 \\$

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

Cable Stripping Tool

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