

UNITRONIC® SENSOR SH M12

M12 plug/socket on free conductor end, shielded

Sensor/actuator cordset, M12, PUR halogenfree, 3-, 4-, 5-pin. versions, straight and angled M12 plugs and sockets, shielded, A-coded, IP65/IP67/IP68

Info

Other types are available at
www.lappgroup.com/assemblyfinder
or on request



Waterproof



Interference signals



Power chain



Space requirement



Mechanical and plant engineering



Automation & fältinstallation

Benefits

Cost-saving due to quick and easy installation
Space-saving due to compact dimensions
Fast and easy error tracking
Integrated vibration protection (mechanical lock-in)
Gold-plated contacts for low transfer resistance

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Application range

For increased mechanical stress and harsh operating conditions

Product features

UV-resistant
Good resistance to oils and chemicals
Shielding is conducted over the knurl
Suitable for drag chains
Including tag carrier

Norm references / Approvals

Halogenfree according to DIN VDE 0472
UL File Number: E249137
Flame-retardant according to UL 1581 FT-2

Product Make-up

wire cross-section: 0,34 mm²
Colour-code:
3-pin: bn (1), bu (3), bk (4)
4-pin: bn (1), wh (2), bu (3), bk (4)
5-pin: bn (1), wh (2), bu (3), bk (4), gy (5)
Outer sheath: PUR, black
Shielded version

Technical Data

Classification:	ETIM 5.0 Class-ID: EC001855 ETIM 5.0 Class-Description: Sensor-actuator patch cord
Material:	Contact: CuSn Contact surface: Ni/Au Knurl: Zinc die-cast, nickel-plated Gripping body: TPU, flame-retardant, self-extinguishing
Minimum bending radius:	Fixed installation: 5 x outer diameter Flexing: 10 x outer diameter
Protection rating:	IP65/IP67
Ambient temperature (operation):	Plug/socket -25°C to +90°C Fixed installation -40°C to +80°C Flexing -25°C to +80°C
Coding:	A-standard
Rated current (A):	4 A

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

UL certifications can be found in the data sheet

**UNITRONIC® SENSOR SH M12**

Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
22260453	AB-C3-M12MS- 2,0PUR-SH	3	2	straight	no	250
22260454	AB-C3-M12MS- 5,0PUR-SH	3	5	straight	no	250
22260455	AB-C3-M12MS-10,0PUR-SH	3	10	straight	no	250
Socket						
22260450	AB-C3- 2,0PUR-M12FS-SH	3	2	straight	no	250
22260451	AB-C3- 5,0PUR-M12FS-SH	3	5	straight	no	250
22260452	AB-C3-10,0PUR-M12FS-SH	3	10	straight	no	250
22260071	AB-C3- 2,0PUR-M12FA-SH	3	2	angled	no	250
22260072	AB-C3- 5,0PUR-M12FA-SH	3	5	angled	no	250
22260073	AB-C3-10,0PUR-M12FA-SH	3	10	angled	no	250
22260459	AB-C4-M12MS- 2,0PUR-SH	4	2	straight	no	250
22260460	AB-C4-M12MS- 5,0PUR-SH	4	5	straight	no	250
22260461	AB-C4-M12MS-10,0PUR-SH	4	10	straight	no	250
Socket						
22260456	AB-C4- 2,0PUR-M12FS-SH	4	2	straight	no	250
22260457	AB-C4- 5,0PUR-M12FS-SH	4	5	straight	no	250
22260458	AB-C4-10,0PUR-M12FS-SH	4	10	straight	no	250
22260074	AB-C4- 2,0PUR-M12FA-SH	4	2	angled	no	250
22260675	AB-C4- 5,0PUR-M12FA-SH	4	5	angled	no	250
22260680	AB-C4-10,0PUR-M12FA-SH	4	10	angled	no	250

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Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
22260465	AB-C5-M12MS- 2,0PUR-SH	5	2	straight	no	60
22260466	AB-C5-M12MS- 5,0PUR-SH	5	5	straight	no	60
22260467	AB-C5-M12MS-10,0PUR-SH	5	10	straight	no	60
Socket						
22260462	AB-C5- 2,0PUR-M12FS-SH	5	2	straight	no	60
22260463	AB-C5- 5,0PUR-M12FS-SH	5	5	straight	no	60
22260464	AB-C5-10,0PUR-M12FS-SH	5	10	straight	no	60
22260946	AB-C5- 2,0PUR-M12FA-SH	5	2	angled	no	60
22260714	AB-C5- 5,0PUR-M12FA-SH	5	5	angled	no	60
22260991	AB-C5-10,0PUR-M12FA-SH	5	10	angled	no	60

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