

## UNITRONIC® SENSOR M12-M12

M12 plug on M12 socket

Sensor/Actuator-cable, connecting cable 3-,4-,5-,8-pin, M12 on M12/ on free conductor end, A-codiert, PUR halogenfree, IP65/IP67/IP68, suitable for drag chains

### Info

Other types are available at  
[www.lappgroup.com/assemblyfinder](http://www.lappgroup.com/assemblyfinder)  
or on request



Waterproof



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

### Application range

For increased mechanical stress and harsh operating conditions

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

PN 0456 / 02\_03.16

## UNITRONIC® SENSOR M12-M12

### Product features

UV-resistant  
Good resistance to oils and chemicals  
PWIS and PVC free  
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 mm<sup>2</sup>  
(8-pin: 0,25 mm<sup>2</sup>)  
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), gn/ye (5)  
8-pin: wh (1), bn (2), gn (3), ye (4), gy (5), pk (6), bu (7), rd (8)  
Outer sheath: PUR, black

### 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 2 A (8-pin)

### 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 M12-M12**

Article number	Article designation	Length (m)	Design	LED	Rated voltage (V)
22260233	AB-C3-M12MS-0,3PUR-M12FS	0.3	straight-straight	no	250
22260234	AB-C3-M12MS-0,6PUR-M12FS	0.6	straight-straight	no	250
22260235	AB-C3-M12MS-1,0PUR-M12FS	1	straight-straight	no	250
22260236	AB-C3-M12MS-2,0PUR-M12FS	2	straight-straight	no	250
22260237	AB-C3-M12MS-0,3PUR-M12FA	0.3	straight-angled	no	250
22260238	AB-C3-M12MS-0,6PUR-M12FA	0.6	straight-angled	no	250
22260239	AB-C3-M12MS-1,0PUR-M12FA	1	straight-angled	no	250
22260240	AB-C3-M12MS-2,0PUR-M12FA	2	straight-angled	no	250
22260261	AB-C3-M12MS-0,3PUR-M12FA-2L	0.3	straight-angled	2 LEDs	24
22260262	AB-C3-M12MS-0,6PUR-M12FA-2L	0.6	straight-angled	2 LEDs	24
22260263	AB-C3-M12MS-1,0PUR-M12FA-2L	1	straight-angled	2 LEDs	24
22260264	AB-C3-M12MS-2,0PUR-M12FA-2L	2	straight-angled	2 LEDs	24
4-pin					
22260328	AB-C4-M12MS- 0,3PUR-M12FS	0.3	straight-straight	no	250
22260329	AB-C4-M12MS- 0,6PUR-M12FS	0.6	straight-straight	no	250
22260330	AB-C4-M12MS- 1,0PUR-M12FS	1	straight-straight	no	250
22260331	AB-C4-M12MS- 2,0PUR-M12FS	2	straight-straight	no	250
22260332	AB-C4-M12MS- 0,3PUR-M12FA	0.3	straight-angled	no	250
22260333	AB-C4-M12MS- 0,6PUR-M12FA	0.6	straight-angled	no	250
22260334	AB-C4-M12MS-1,0PUR-M12FA	1	straight-angled	no	250

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Article number	Article designation	Length (m)	Design	LED	Rated voltage (V)
22260335	AB-C4-M12MS-2,0PUR-M12FA	2	straight-angled	no	250
22260336	AB-C4-M12MS-0,3PUR-M12FA-3L	0.3	straight-angled	3 LEDs	24
22260337	AB-C4-M12MS-0,6PUR-M12FA-3L	0.6	straight-angled	3 LEDs	24
22260338	AB-C4-M12MS-1,0PUR-M12FA-3L	1	straight-angled	3 LEDs	24
22260339	AB-C4-M12MS-2,0PUR-M12FA-3L	2	straight-angled	3 LEDs	24
22260304	AB-C4-M12MA-0,3PUR-M12FS	0.3	angled-straight	no	250
22260305	AB-C4-M12MA-0,6PUR-M12FS	0.6	angled-straight	no	250
22260306	AB-C4-M12MA-1,0PUR-M12FS	1	angled-straight	no	250
22260307	AB-C4-M12MA-2,0PUR-M12FS	2	angled-straight	no	250
5-pin					
22260410	AB-C5-M12MS-0,3PUR-M12FS	0.3	straight-straight	no	60
22260411	AB-C5-M12MS-0,6PUR-M12FS	0.6	straight-straight	no	60
22260412	AB-C5-M12MS-1,0PUR-M12FS	1	straight-straight	no	60
22260413	AB-C5-M12MS-2,0PUR-M12FS	2	straight-straight	no	60
22260063	AB-C5-M12MS-0,3PUR-M12FA	0.3	straight-angled	no	60
22260064	AB-C5-M12MS-0,6PUR-M12FA	0.6	straight-angled	no	60
22260065	AB-C5-M12MS-1,0PUR-M12FA	1	straight-angled	no	60
22260066	AB-C5-M12MS-2,0PUR-M12FA	2	straight-angled	no	60
22260067	AB-C5-M12MS-0,3PUR-M12FA-3L	0.3	straight-angled	3 LEDs	24
22260068	AB-C5-M12MS-0,6PUR-M12FA-3L	0.6	straight-angled	3 LEDs	24
22260069	AB-C5-M12MS-1,0PUR-M12FA-3L	1	straight-angled	3 LEDs	24

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22260070	AB-C5-M12MS-2,0PUR-M12FA-3L	2	straight-angled	3 LEDs	24
8-pin					
22260097	AB-C8-M12MS-0,3PUR-M12FS	0.3	straight-straight	no	30
22260098	AB-C8-M12MS- 0,6PUR-M12FS	0.6	straight-straight	no	30
22260099	AB-C8-M12MS-1,0PUR-M12FS	1	straight-straight	no	30
22260042	AB-C8-M12MS- 2,0PUR-M12FS	2	straight-straight	no	30
22260137	AB-C8-M12MS-0,3PUR-M12FA	0.3	straight-angled	no	30
22260138	AB-C8-M12MS-0,6PUR-M12FA	0.6	straight-angled	no	30
22260139	AB-C8-M12MS1,0PUR-M12FA	1	straight-angled	no	30
22260140	AB-C8-M12MS-2,0PUR-M12FA	2	straight-angled	no	30

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