

## UNITRONIC® SENSOR M8-M12

M8 plug on M12 socket

Sensor/actuator cordset, M8 on M12, PUR halogenfree, 3-pin, plug/socket, LED, A-coded, 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



Power chain



Space requirement



Mechanical and plant engineering



Automation & fältinstallation

### Benefits

Cost-efficient due to quick and easy installation

Space-saving due to compact dimensions

Fast and easy error tracking

Gold-plated contacts for low transfer resistance

### Application range

For increased mechanical stress and harsh operating conditions

## UNITRONIC® SENSOR M8-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

Core cross section: 0.25 mm<sup>2</sup>  
Colour-code:  
3-pin: bn (1), bu (3), bk (4)  
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

### Note

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

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 M8-M12**

Article number	Article designation	Number of pins	Length (m)	Design	LED	Rated voltage (V)
3-pin						
22260241	AB-C3-M8MS-0,3PUR-M12FS	3	0.3	straight-straight	no	60
22260242	AB-C3-M8MS-0,6PUR-M12FS	3	0.6	straight-straight	no	60
22260243	AB-C3-M8MS-1,0PUR-M12FS	3	1	straight-straight	no	60
22260244	AB-C3-M8MS-2,0PUR-M12FS	3	2	straight-straight	no	60
22260245	AB-C3-M8MS-0,3PUR-M12FA	3	0.3	straight-angled	no	60
22260246	AB-C3-M8MS-0,6PUR-M12FA	3	0.6	straight-angled	no	60
22260247	AB-C3-M8MS-1,0PUR-M12FA	3	1	straight-angled	no	60
22260248	AB-C3-M8MS-2,0PUR-M12FA	3	2	straight-angled	no	60
22260271	AB-C3-M8MS-0,3PUR-M12FA-2L	3	0.3	straight-angled	2 LEDs	24
22260272	AB-C3-M8MS-0,6PUR-M12FA-2L	3	0.6	straight-angled	2 LEDs	24
22260273	AB-C3-M8MS-1,0PUR-M12FA-2L	3	1	straight-angled	2 LEDs	24
22260274	AB-C3-M8MS-2,0PUR-M12FA-2L	3	2	straight-angled	2 LEDs	24

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Product Management [www.lappkabel.de](http://www.lappkabel.de)You can find the current technical data in the corresponding data sheet.  
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