

## UNITRONIC® SENSOR M12-M8

M12 plug on M8 socket

Sensor/Actuator-cable,connecting cable 3-,4-pole, M12 plug on M8 socket, A-codiert, PUR LSZH, 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



Supplementary automation components from Lapp



Mechanical and plant engineering



Space requirement



Power chain



Waterproof

### 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

Last Update (23.04.2024)

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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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## UNITRONIC® SENSOR M12-M8

### 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)  
4-pin: bn (1), wh (2), bu (3), bk (4)  
Outer sheath: PUR, black

### Technical Data

|                                  |   |
|----------------------------------|---|
| Classification ETIM 5:           | ETIM 5.0 Class-ID: EC001855<br>ETIM 5.0 Class-Description: Sensor-actuator patch cord   |
| Classification ETIM 6:           | ETIM 6.0 Class-ID: EC001855<br>ETIM 6.0 Class-Description: Sensor-actuator patch cord   |
| Material:                        | Contact: CuSn<br>Contact surface: Ni/Au<br>Knurl: Zinc die-cast, nickel-plated<br>Gripping body: TPU, flame-retardant, self-extinguishing |
| Minimum bending radius:          | Fixed installation: 5 x outer diameter<br>Flexing: 10 x outer diameter  |
| Protection rating:               | IP65/IP67/IP68  |
| Ambient temperature (operation): | Plug/socket -25°C to +90°C<br>Fixed installation -40°C to +80°C<br>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 and graphics 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-M8

| Article number | Article designation        | Length (m) | Design            | LED    | Rated voltage (V) | PU |
|----------------|----------------------------|------------|-------------------|--------|-------------------|----|
| 22260225       | AB-C3-M12MS-0,3PUR-M8FS    | 0.3        | straight-straight | no     | 60                | 1  |
| 22260226       | AB-C3-M12MS-0,6PUR-M8FS    | 0.6        | straight-straight | no     | 60                | 1  |
| 22260227       | AB-C3-M12MS-1,0PUR-M8FS    | 1          | straight-straight | no     | 60                | 1  |
| 22260228       | AB-C3-M12MS-2,0PUR-M8FS    | 2          | straight-straight | no     | 60                | 1  |
| 22260229       | AB-C3-M12MS-0,3PUR-M8FA    | 0.3        | straight-angled   | no     | 60                | 1  |
| 22260230       | AB-C3-M12MS-0,6PUR-M8FA    | 0.6        | straight-angled   | no     | 60                | 1  |
| 22260231       | AB-C3-M12MS-1,0PUR-M8FA    | 1          | straight-angled   | no     | 60                | 1  |
| 22260232       | AB-C3-M12MS-2,0PUR-M8FA    | 2          | straight-angled   | no     | 60                | 1  |
| 22260267       | AB-C3-M12MS-0,3PUR-M8FA-2L | 0.3        | straight-angled   | 2 LEDs | 24                | 1  |
| 22260268       | AB-C3-M12MS-0,6PUR-M8FA-2L | 0.6        | straight-angled   | 2 LEDs | 24                | 1  |
| 22260269       | AB-C3-M12MS-1,0PUR-M8FA-2L | 1          | straight-angled   | 2 LEDs | 24                | 1  |
| 22260270       | AB-C3-M12MS-2,0PUR-M8FA-2L | 2          | straight-angled   | 2 LEDs | 24                | 1  |
| 4-pin          |                            |            |                   |        |                   |    |
| 22260347       | AB-C4-M12MS-0,3PUR-M8FS    | 0.3        | straight-straight | no     | 30                | 1  |
| 22260349       | AB-C4-M12MS-0,6PUR-M8FS    | 0.6        | straight-straight | no     | 30                | 1  |
| 22260350       | AB-C4-M12MS-1,0PUR-M8FS    | 1          | straight-straight | no     | 30                | 1  |
| 22260348       | AB-C4-M12MS-2,0PUR-M8FS    | 2          | straight-straight | no     | 30                | 1  |