

## UNITRONIC® SENSOR PVC M12 | M12-M12

M12 plug/socket on M12 plug/socket/free conductor end

Sensor/actuator cordset, M12 on free conductor end, M12 on M12, plug/socket, PVC, 3-,4-,5-pin, A-coded, IP65/IP67/IP68

### 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



Waterproof

### Benefits

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

### Application range

For medium mechanical stress in dry conditions

### Product features

Partly oil and chemical resistant  
Including tag carrier

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

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PWIS-free

### Norm references / Approvals

Flame-retardant according to style 2464  
UL File Number: E249137

### Product Make-up

wire cross-section: 0,34 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)  
Outer sheath: PVC, 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   |
| 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 PVC M12 | M12-M12

| Article number | Article designation       | Number of pins | Length (m) | Design          | Rated voltage (V) | PU |
|----------------|---------------------------|----------------|------------|-----------------|-------------------|----|
| 22260080       | AB-C3-2,0PVC-M12FS        | 3              | 2          | straight        | 250               | 1  |
| 22260663       | AB-C3-5,0PVC-M12FS        | 3              | 5          | straight        | 250               | 1  |
| 22260081       | AB-C3-10,0PVC-M12FS       | 3              | 10         | straight        | 250               | 1  |
| 22262095       | AB-C3-2,0PVC-M12FA        | 3              | 2          | angled          | 250               | 1  |
| 22260661       | AB-C3-5,0PVC-M12FA        | 3              | 5          | angled          | 250               | 1  |
| 22262083       | AB-C3-10,0PVC-M12FA       | 3              | 10         | angled          | 250               | 1  |
| Plug on socket |                           |                |            |                 |                   |    |
| 22262096       | AB-C3-M12MS-2,0PVC-M12FA  | 3              | 2          | straight-angled | 250               | 1  |
| 22262097       | AB-C3-M12MS-5,0PVC-M12FA  | 3              | 5          | straight-angled | 250               | 1  |
| 22262098       | AB-C3-M12MS-10,0PVC-M12FA | 3              | 10         | straight-angled | 250               | 1  |
| 22260688       | AB-C4- 2,0PVC-M12FS       | 4              | 2          | straight        | 250               | 1  |
| 22260689       | AB-C4-5,0PVC-M12FS        | 4              | 5          | straight        | 250               | 1  |
| 22260685       | AB-C4-10,0PVC-M12FS       | 4              | 10         | straight        | 250               | 1  |
| 22260841       | AB-C4- 2,0PVC-M12FA       | 4              | 2          | angled          | 250               | 1  |
| 22260678       | AB-C4-5,0PVC-M12FA        | 4              | 5          | angled          | 250               | 1  |
| 22260683       | AB-C4-10,0PVC-M12FA       | 4              | 10         | angled          | 250               | 1  |
| Plug on socket |                           |                |            |                 |                   |    |
| 22260832       | AB-C4-M12MS-2,0PVC-M12FA  | 4              | 2          | straight-angled | 250               | 1  |
| 22260705       | AB-C4-M12MS-5,0PVC-M12FA  | 4              | 5          | straight-angled | 250               | 1  |
| 22260833       | AB-C4-M12MS-10,0PVC-M12FA | 4              | 10         | straight-angled | 250               | 1  |
| 22262099       | AB-C5-2,0PVC-M12FS        | 5              | 2          | straight        | 60                | 1  |
| 22262100       | AB-C5-5,0PVC-M12FS        | 5              | 5          | straight        | 60                | 1  |
| 22262101       | AB-C5-10,0PVC-M12FS       | 5              | 10         | straight        | 60                | 1  |
| Plug on socket |                           |                |            |                 |                   |    |
| 22262102       | AB-C5-M12MS-2,0PVC-M12FA  | 5              | 2          | straight-angled | 60                | 1  |
| 22262103       | AB-C5-M12MS-5,0PVC-M12FA  | 5              | 5          | straight-angled | 60                | 1  |

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| Article number | Article designation       | Number of pins | Length (m) | Design          | Rated voltage (V) | PU |
|----------------|---------------------------|----------------|------------|-----------------|-------------------|----|
| 22262104       | AB-C5-M12MS-10,0PVC-M12FA | 5              | 10         | straight-angled | 60                | 1  |

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