



## UNITRONIC® SENSOR M8-M8

M8 plug on M8 socket



### Info

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

### 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

### 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 5/6**  
ETIM 5.0/6.0 Class-ID: EC001855  
ETIM 5.0/6.0 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

| Article number        | Article designation       | Number of pins | Length (m) | Design            | LED    | Rated voltage (V) | PU |
|-----------------------|---------------------------|----------------|------------|-------------------|--------|-------------------|----|
| <b>Plug on socket</b> |                           |                |            |                   |        |                   |    |
| <b>3-pin</b>          |                           |                |            |                   |        |                   |    |
| 22260206              | AB-C3-M8MS-0,3PUR-M8FS    | 3              | 0.3        | straight-straight | no     | 60                | 1  |
| 22260207              | AB-C3-M8MS-0,6PUR-M8FS    | 3              | 0.6        | straight-straight | no     | 60                | 1  |
| 22260208              | AB-C3-M8MS-1,0PUR-M8FS    | 3              | 1          | straight-straight | no     | 60                | 1  |
| 22260209              | AB-C3-M8MS-2,0PUR-M8FS    | 3              | 2          | straight-straight | no     | 60                | 1  |
| 22260210              | AB-C3-M8MS-0,3PUR-M8FA    | 3              | 0.3        | straight-angled   | no     | 60                | 1  |
| 22260211              | AB-C3-M8MS-0,6PUR-M8FA    | 3              | 0.6        | straight-angled   | no     | 60                | 1  |
| 22260212              | AB-C3-M8MS-1,0PUR-M8FA    | 3              | 1          | straight-angled   | no     | 60                | 1  |
| 22260213              | AB-C3-M8MS-2,0PUR-M8FA    | 3              | 2          | straight-angled   | no     | 60                | 1  |
| 22260214              | AB-C3-M8MS-0,3PUR-M8FA-2L | 3              | 0.3        | straight-angled   | 2 LEDs | 24                | 1  |
| 22260215              | AB-C3-M8MS-0,6PUR-M8FA-2L | 3              | 0.6        | straight-angled   | 2 LEDs | 24                | 1  |
| 22260216              | AB-C3-M8MS-1,0PUR-M8FA-2L | 3              | 1          | straight-angled   | 2 LEDs | 24                | 1  |
| 22260217              | AB-C3-M8MS-2,0PUR-M8FA-2L | 3              | 2          | straight-angled   | 2 LEDs | 24                | 1  |
| <b>4-pin</b>          |                           |                |            |                   |        |                   |    |
| 22260313              | AB-C4-M8MS-0,3PUR-M8FS    | 4              | 0.3        | straight-straight | no     | 30                | 1  |
| 22260314              | AB-C4-M8MS-0,6PUR-M8FS    | 4              | 0.6        | straight-straight | no     | 30                | 1  |
| 22260315              | AB-C4-M8MS-1,0PUR-M8FS    | 4              | 1          | straight-straight | no     | 30                | 1  |
| 22260316              | AB-C4-M8MS-2,0PUR-M8FS    | 4              | 2          | straight-straight | no     | 30                | 1  |
| 22260059              | AB-C4-M8MS-0,3PUR-M8FA    | 4              | 0.3        | straight-angled   | no     | 30                | 1  |
| 22260060              | AB-C4-M8MS-0,6PUR-M8FA    | 4              | 0.6        | straight-angled   | no     | 30                | 1  |
| 22260061              | AB-C4-M8MS-1,0PUR-M8FA    | 4              | 1          | straight-angled   | no     | 30                | 1  |
| 22260062              | AB-C4-M8MS-2,0PUR-M8FA    | 4              | 2          | straight-angled   | no     | 30                | 1  |

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

No copper surcharge.

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

UL certifications can be found in the data sheet.