



**UNITRONIC® SENSOR M8-M12**

M8 plug on M12 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)
- 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>3-pin</b>							
22260241	AB-C3-M8MS-0,3PUR-M12FS	3	0.3	straight-straight	no	60	1
22260242	AB-C3-M8MS-0,6PUR-M12FS	3	0.6	straight-straight	no	60	1
22260243	AB-C3-M8MS-1,0PUR-M12FS	3	1	straight-straight	no	60	1
22260244	AB-C3-M8MS-2,0PUR-M12FS	3	2	straight-straight	no	60	1
22260245	AB-C3-M8MS-0,3PUR-M12FA	3	0.3	straight-angled	no	60	1
22260246	AB-C3-M8MS-0,6PUR-M12FA	3	0.6	straight-angled	no	60	1
22260247	AB-C3-M8MS-1,0PUR-M12FA	3	1	straight-angled	no	60	1
22260248	AB-C3-M8MS-2,0PUR-M12FA	3	2	straight-angled	no	60	1
22260271	AB-C3-M8MS-0,3PUR-M12FA-2L	3	0.3	straight-angled	2 LEDs	24	1
22260272	AB-C3-M8MS-0,6PUR-M12FA-2L	3	0.6	straight-angled	2 LEDs	24	1
22260273	AB-C3-M8MS-1,0PUR-M12FA-2L	3	1	straight-angled	2 LEDs	24	1
22260274	AB-C3-M8MS-2,0PUR-M12FA-2L	3	2	straight-angled	2 LEDs	24	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.