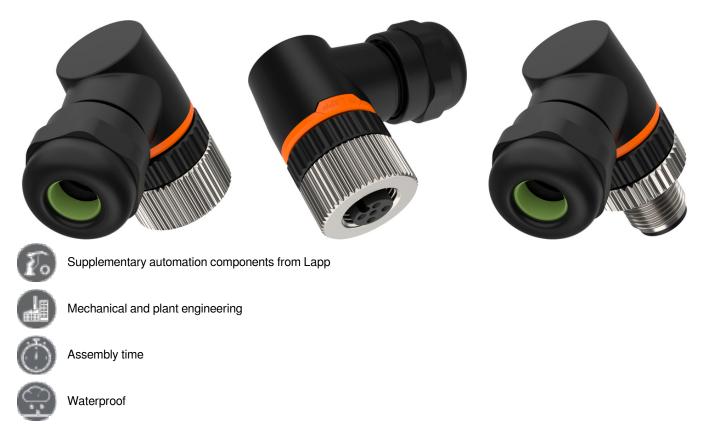
PRODUCT INFORMATION

OLAPP

EPIC® SENSOR M12A Screw termination

Field mountable connectors M12

Off into the field: be it in the F&B, mechanical engineering or intralogistics areas, the M12A data connector is an expert in the field of signal transmission at sensor-actuator level. With this plastic connector, cable assembly can be carried out without any special tools whatsoever thanks to the screw connection. Numerous variants are available.



Benefits

High stability thanks to impact-resistant polyamide.

The service-friendly screw connection makes assembly possible without a special tool, and is suitable for connections which need to be detached again.

When connected, protection class IP 67 can be achieved. Available in different designs and with different pole configurations.

Application range

Can be used universally at machine interfaces for many applications in data and signal transmission in the low-frequency range. Typical application areas are sensors and actuators at field level. Good oil and chemical resistance.

Product features

4, 5 and 8-pin version Screened and non-screened version Screw connection or insulation displacement contacts (IDC) PWIS-free

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC002062

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EPIC® SENSOR M12A Screw termination

| | ETIM 5.0 Class-Description: Sensor-actuator connector |
|----------------------------------|--|
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC002062 ETIM 6.0 Class-Description: Sensor-actuator connector |
| Material: | Contact: CuZn Contact surface: CuSnZn |
| Protection rating: | IP 67 |
| Ambient temperature (operation): | -25°C to +85°C |
| Contact material: | Copper alloy |
| Contact surface material: | Au (gold) |
| Coding: | A-standard |
| | |

Note

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.

| Article number 381166325 381166326 381166327 381166328 381166338 381166339 381166339 381166341 381166341 381166332 381166332 381166333 381166333 381166333 | Number of pins | Connection type | PL_DYN_LEITERQUERSCHNITTF LEXIBEL_MM | PL_DYN_DURCHMESSER_EPIC |
|--|----------------|-----------------|---|-------------------------|
| <u>ର</u> 381166325 | 3 | Socket | 1.5 | 4.0 - 8.0 |
| हि 381166326 | 4 | Socket | 1.5 | 4.0 - 8.0 |
| <u>4</u> 381166327 | 5 | Socket | 1.5 | 4.0 - 8.0 |
| iz 381166328 | 8 | Socket | 1.0 | 4.0 - 8.0 |
| <u>4</u> 381166338 | 3 | angled | 1.5 | 4.0 - 8.0 |
| 381166339 | 4 | angled | 1.5 | 4.0 - 8.0 |
| 381166341 | 5 | angled | 1.5 | 4.0 - 8.0 |
| 381166343 | 8 | angled | 1.0 | 4.0 - 8.0 |
| 381166332 | 3 | - | 1.5 | 4.0 - 8.0 |
| 381166333 | 4 | - | 1.5 | 4.0 - 8.0 |
| 381166335 | 5 | - | 1.5 | 4.0 - 8.0 |
| 381166337 | 8 | - | 1.0 | 4.0 - 8.0 |
| 381166318 | 3 | - | 1.5 | 4.0 - 8.0 |
| 381166319 | 4 | - | 1.5 | 4.0 - 8.0 |
| 381166320 | 5 | - | 1.5 | 4.0 - 8.0 |
| 381166321 | 8 | - | 1.0 | 4.0 - 8.0 |

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