



EPIC® SENSOR M12

Field mountable connectors M12



Benefits

- For creating of individual cable lengths
- No special tools required for connecting the cables
- Time-saving assembly with IDC connection technology
- Easy connection with proven screw clamp connection

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 5/6
 ETIM 5.0/6.0 Class-ID: EC002062
 ETIM 5.0/6.0 Class-Description:
 Sensor-actuator connector

Material
 Contact: CuZn
 Contact surface: CuSnZn

IP Protection rating
 IP 65/IP 67 (IDC)
 IP 67 (screw)

Ambient temperature (operation)
 Plug/socket
 -25°C to +80°C (IDC)
 -40°C to +85°C (screw)

Coding
 A-standard

Rated current (A)
 4 A
 2 A (8-pin)

| Article number | Article designation | Number of pins | Connection type | Cross-section in mm ² | Cable diameter in mm | Rated voltage (V) | PU |
|----------------------------------|--------------------------|----------------|-----------------|----------------------------------|----------------------|-------------------|----|
| Plug, straight | | | | | | | |
| 22260132 | AB-C4-M12MS-F0,34 | 4 | IDC | 0.14 - 0.34 | 3.5 - 6 | 125 | 1 |
| 22260134 | AB-C4-M12MS-F0,75 | 4 | IDC | 0.34 - 0.75 | 4 - 8 | 250 | 1 |
| 22260649 | AB-C4-M12MS-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260995 | AB-C4-M12MS-PG9 | 4 | screw | 0.25 - 0.75 | 6 - 8 | 250 | 1 |
| 22260129 | AB-C5-M12MS-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260651 | AB-C5-M12MS-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260996 | AB-C5-M12MS-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Plug, straight shielded | | | | | | | |
| 22260135 | AB-C5-M12MS-PG9-SH | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260825 | AB-C8-M12MS-PG9-SH | 8 | screw | 0.25 - 0.75 | 6 - 8 | 30 | 1 |
| Plug, angled | | | | | | | |
| 22260647 | AB-C4-M12MA-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260130 | AB-C5-M12MA-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260648 | AB-C5-M12MA-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22262023 | AB-C5-M12MA-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Plug angled, shielded | | | | | | | |
| 22262108 | AB-C5-M12MA-PG7-SH | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| Socket, straight | | | | | | | |
| 22260131 | AB-C4-M12FS-F0,34 | 4 | IDC | 0.14 - 0.34 | 3.5 - 6 | 125 | 1 |
| 22260133 | AB-C4-M12FS-F0,75 | 4 | IDC | 0.34 - 0.75 | 4 - 8 | 250 | 1 |
| 22260640 | AB-C4-M12FS-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260641 | AB-C4-M12FS-PG9 | 4 | screw | 0.25 - 0.75 | 6 - 8 | 250 | 1 |
| 22260127 | AB-C5-M12FS-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260644 | AB-C5-M12FS-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260997 | AB-C5-M12FS-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Socket, straight shielded | | | | | | | |
| 22260136 | AB-C5-M12FS-PG9-SH | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22260826 | AB-C8-M12FS-PG9-SH | 8 | screw | 0.25 - 0.75 | 6 - 8 | 30 | 1 |
| Socket, angled | | | | | | | |
| 22260636 | AB-C4-M12FA-PG7 | 4 | screw | 0.25 - 0.75 | 4 - 6 | 250 | 1 |
| 22260128 | AB-C5-M12FA-PG7 | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |
| 22260638 | AB-C5-M12FA-PG9 | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| 22262024 | AB-C5-M12FA-PG9-SKINTOP® | 5 | screw | 0.25 - 0.75 | 6 - 8 | 60 | 1 |
| Socket angled, shielded | | | | | | | |
| 22262109 | AB-C5-M12FA-PG7-SH | 5 | screw | 0.25 - 0.75 | 4 - 6 | 60 | 1 |

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