## EPIC® SIGNAL M23 Inserts 12 pole

Inserts for M23 circular connectors

## EPIC® SIGNAL M23 Inserts 16 pole

Inserts for M23 circular connectors

### Technical data

**Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000438
ETIM 5.0/6.0 Class-Description:
Contact insert for industrial connectors

**Rated voltage (V)**
according to IEC 61984: 100 V

**Rated impulse voltage**
1.5 kV

**Rated current (A)**
7 A

**Pollution degree**
3

**Contact resistance**
< 4 mOhm

**Contacts**
Gold-plated brass

**Number of contacts**
**EPIC® SIGNAL M23 Inserts 12 pole**
13
**EPIC® SIGNAL M23 Inserts 16 pole**
16

**Termination methods**
Crimp termination: 0.14 - 1.0 mm²
Solder termination: up to 1.0 mm²

**Cycle of mechanical operation**
100

**VDE-tested**
Certified production control:
VDE-REG. no. C24 (according to EN 61984, SELV according to DIN VDE 0100-410 has to be guaranteed)
UL File Number: E249137

**Temperature range**
-25°C up to +125°C

### Suitable housing

- EPIC® SIGNAL M23 A1 Page 639
- EPIC® SIGNAL M23 A1 D3.2 Page 639
- EPIC® SIGNAL M23 A3 Page 639
- EPIC® SIGNAL M23 G4 Page 640
- EPIC® SIGNAL M23 G5 Page 640
- EPIC® SIGNAL M23 G6 Page 640
- EPIC® SIGNAL M23 B1 Page 641
- EPIC® SIGNAL M23 B2 Page 641
- EPIC® SIGNAL M23 D6 Page 643
- EPIC® SIGNAL M23 F6 Page 643
- EPIC® SIGNAL M23 F7 Page 643
- All inserts fit into all housings

### Suitable contacts:

- EPIC® SIGNAL M23 Contacts male Page 649
- EPIC® SIGNAL M23 Contacts female Page 649

### Benefits

- Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

### Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

| Article number | Article description | Inserts | Contacts included | Pin configuration | Pieces / PU |
|---|---|---|---|---|---|
| **12-pin inserts, P-part = rotation to the left (plug side anticlockwise)** | | | | | |
| 73002712 | P-part | Unpopulated | | 12 | 5 |
| 73002713 | P-part | Unpopulated | | 12 | 20 |
| 73002714 | P-part | + male contacts, solder | 12 | 12 | 5 |
| 73002715 | P-part | + male contacts, solder | 12 | 12 | 20 |
| 73002716 | P-part | + female contacts, solder | 12 | 12 | 5 |
| 73002717 | P-part | + female contacts, solder | 12 | 12 | 20 |
| **12-pin inserts, E-part = rotation to the right (plug side clockwise)** | | | | | |
| 73002718 | E-Part | Unpopulated | | 12 | 5 |
| 73002719 | E-Part | Unpopulated | | 12 | 20 |
| 73002720 | E-Part | + male contacts, solder | 12 | 12 | 5 |
| 73002721 | E-Part | + male contacts, solder | 12 | 12 | 20 |
| 73002722 | E-Part | + female contacts, solder | 12 | 12 | 5 |
| 73002723 | E-Part | + female contacts, solder | 12 | 12 | 20 |
| **16-pin inserts, P-part = rotation to the left (plug site anticlockwise)** | | | | | |
| 73002700 | P-part | Unpopulated | | 16 | 5 |
| 73002701 | P-part | Unpopulated | | 16 | 20 |
| 73002702 | P-part | + male contacts, solder | 16 | 16 | 5 |
| 73002703 | P-part | + male contacts, solder | 16 | 16 | 20 |
| 73002704 | P-part | + female contacts, solder | 16 | 16 | 5 |
| 73002705 | P-part | + female contacts, solder | 16 | 16 | 20 |
| **16-pin inserts, E-part = rotation to the right (plug side clockwise)** | | | | | |
| 73002706 | E-Part | Unpopulated | | 16 | 5 |
| 73002707 | E-Part | Unpopulated | | 16 | 20 |
| 73002708 | E-Part | + male contacts, solder | 16 | 16 | 5 |
| 73002709 | E-Part | + male contacts, solder | 16 | 16 | 20 |
| 73002710 | E-Part | + female contacts, solder | 16 | 16 | 5 |
| 73002711 | E-Part | + female contacts, solder | 16 | 16 | 20 |

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)
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