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| 73002712 | DATA SHEET |  |
| Valid from: 17.09.2018 | EPIC[®] SIGNAL M23 12 E/P | |

Description

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



General characteristics

| | |
|---|---|
| Series | SIGNAL M23 |
| Version | E-part = rotation to the right (clockwise) / P-part = rotation to the left (anticlockwise) |
| Number of contacts | 12 |
| Termination method | Crimp termination / Solder termination |
| Termination cross-section, crimp termination | 0,14 - 1,0 mm ² |
| Termination cross-section, solder termination | up to 1,0 mm ² |
| Temperature range | -25 to +125 °C |

Product variations

| Article no. | Version | Contacts included | PU |
|-------------|---------|-------------------------------------|----|
| 73002712 | P-Part | no | 5 |
| 73002713 | P-Part | no | 20 |
| 73002714 | P-Part | male contacts, solder termination | 5 |
| 73002715 | P-Part | male contacts, solder termination | 20 |
| 73002716 | P-Part | female contacts, solder termination | 5 |
| 73002717 | P-Part | female contacts, solder termination | 20 |
| 73002718 | E-Part | no | 5 |
| 73002719 | E-Part | no | 20 |
| 73002720 | E-Part | male contacts, solder termination | 5 |
| 73002721 | E-Part | male contacts, solder termination | 20 |
| 73002722 | E-Part | female contacts, solder termination | 5 |
| 73002723 | E-Part | female contacts, solder termination | 20 |


Mechanical characteristics

| | |
|--------------------------------|-----|
| Cycles of mechanical operation | 100 |
|--------------------------------|-----|

Electrical characteristics

| | |
|-----------------------|----------|
| Rated voltage | 100 V |
| Rated impulse voltage | 1,5 kV |
| Rated current | 7 A |
| Contact resistance | < 4 mOhm |
| Pollution degree | 3 |

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Materials and surfaces

| | |
|-------------------------|-------|
| Insert | PA |
| Contacts, base material | brass |
| Contacts, surface | Au |

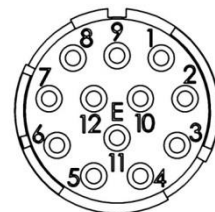
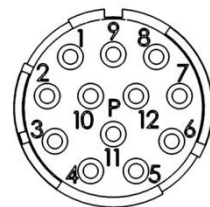
Approvals

| | |
|----------------------------|---------|
| VDE-Approval, VDE-REG.-Nr. | C24 |
| UL-Approval, E-File-Number | E249137 |


Standards

| | |
|-----------------|-----------|
| Safety standard | IEC 61984 |
|-----------------|-----------|

Drawings



| | | |
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Good chemical resistance



Industrial machinery and plant engineering



Mechanical resistance



Assembly time



Robust



Wind Energy



Variety of approval certifications

Application range

Plant engineering
Measurement and control technology
Apparatus construction

Remark

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

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