

73002700	<b>DATA SHEET</b>	
Valid from: 17.09.2018	<b>EPIC<sup>®</sup> SIGNAL M23 16E/P</b>	

## 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	16
Termination method	Crimp termination / Solder termination
Termination cross-section, crimp termination	0,14 - 1,0 mm <sup>2</sup>
Termination cross-section, solder termination	up to 1,0 mm <sup>2</sup>
Temperature range	-25 to +125 °C

## Product variations

Article no.	Version	Contacts included	PU
73002700	P-Part	no	5
73002701	P-Part	no	20
73002702	P-Part	male contacts, solder termination	5
73002703	P-Part	male contacts, solder termination	20
73002704	P-Part	female contacts, solder termination	5
73002705	P-Part	female contacts, solder termination	20
73002706	E-Part	no	5
73002707	E-Part	no	20
73002708	E-Part	male contacts, solder termination	5
73002709	E-Part	male contacts, solder termination	20
73002710	E-Part	female contacts, solder termination	5
73002711	E-Part	female contacts, solder termination	20

## Mechanical characteristics


Cycles of mechanical operation	100
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## 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
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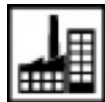
Drawings



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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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