### **DATA SHEET** 44420148 EPIC® SIGNAL M23 7E/P Valid from:



## Description

17.09.2018

- Inserts for M23 circular connectors
- 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



## **General characteristics**

Series SIGNAL M23

E-part = rotation to the right (clockwise) / Version P-part = rotation to the left (anticlockwise)

Number of contacts

Crimp termination / Termination method

Solder termination

Termination cross-section, crimp termination 1,0 - 2,5 mm<sup>2</sup> Termination cross-section, solder termination up to 2,5 mm<sup>2</sup> Temperature range -25 to +125 °C

#### **Product variations**

Article no.	Version	Contacts included	PU
44420148	P-Part	no	5
44420149	P-Part	no	20
44420150	P-Part	male contacts, solder termination	5
44420151	P-Part	male contacts, solder termination	20
44420152	P-Part	female contacts, solder termination	5
44420153	P-Part	female contacts, solder termination	20
44420154	E-Part	no	5
44420155	E-Part	no	20
44420156	E-Part	male contacts, solder termination	5
44420157	E-Part	male contacts, solder termination	20
44420158	E-Part	female contacts, solder termination	5
44420159	E-Part	female contacts, solder termination	20

#### Mechanical characteristics

Cycles of mechanical operation 100

## **Electrical characteristics**

Rated voltage 150 V Rated impulse voltage 4 kV Rated current 18 A < 4 m0hm Contact resistance Pollution degree

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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

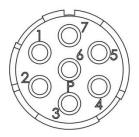
**Standard** 

Safety Standard IEC61984

## **Technical Drawings**

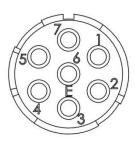












# 44420148

## **DATA SHEET**

Valid from: 17.09.2018 EPIC® SIGNAL M23 7E/P







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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