

44420148

**DATA SHEET**Valid from:  
17.09.2018**EPIC® SIGNAL M23 7E/P****LAPP****Description**

- 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
Version	E-part = rotation to the right (clockwise) / P-part = rotation to the left (anticlockwise)
Number of contacts	7
Termination method	Crimp termination / 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
Contact resistance	< 4 mOhm
Pollution degree	3

AbN  
automation

44420148

# DATA SHEET

Valid from:  
17.09.2018

EPIC® SIGNAL M23 7E/P



## Materials and surfaces

Insert	PA
Contacts, base material	brass
Contacts, surface	Au

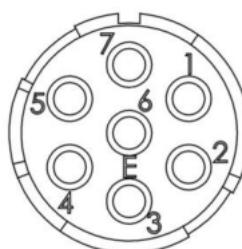
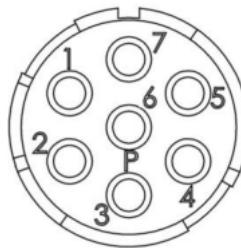
## Approvals

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

## Standard

Safety Standard	IEC61984
-----------------	----------

## Technical Drawings





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.

AbN  
automation