

44420160	DATA SHEET	
Valid from: 17.09.2018	EPIC® SIGNAL M23 17 E/P SOLDERING	

Description

- Inserts for M23 circular connectors
- Inserts with solder pins at the connection side for soldering in PCB boards.
- Ideal in combination with M23 housings of type B1/B2 for rear wall-mounting.



General characteristics

Series	SIGNAL M23
Version	E-part = rotation to the right (clockwise) / P-part = rotation to the left (anticlockwise)
Number of contacts	17
Termination method	Solder termination; solder pins with Ø 1.0 mm for PCB soldering.
Temperature range	Pin length from rear edge of housing B1/B2: 4 mm -25 to +125 °C
Contacts included	ja

Product variations

Article no.	Version	Contacts
44420160	P-Part	male contacts, PCB solder
44420161	P-Part	female contacts, PCB solder
44420162	E-Part	male contacts, PCB solder
44420163	E-Part	female contacts, PCB solder

Mechanical characteristics

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

Electrical characteristics

Rated voltage	50 V
Rated impulse voltage	0,8 kV
Rated current	7 A
Contact resistance	< 4 mOhm
Pollution degree	3

Materials and surfaces

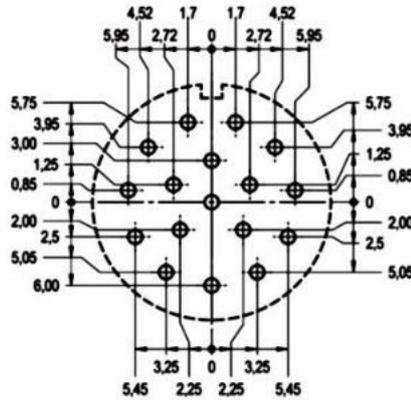
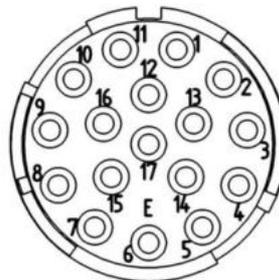
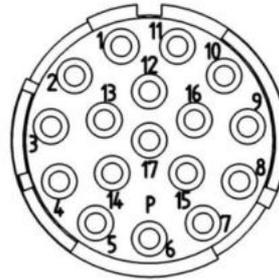
Insert	PA
Contacts, base material	brass
Contacts, surface	Au

Standard

Safety Standard	IEC 61984
-----------------	-----------

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB44420160EN Version: 02	Page 1 of 3
---	---------------------------------------	-------------

Drawings



44420160	DATA SHEET	
Valid from: 17.09.2018	EPIC® SIGNAL M23 17 E/P SOLDERING	



Good chemical resistance



Industrial machinery and plant engineering



Mechanical resistance



Assembly time



Robust



Wind Energy



Variety of approval certifications

Info

With solder pins for PCB boards
Only for housing type A1, B1, B2

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.

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB44420160EN Version: 02	Page 3 of 3
---	---------------------------------------	-------------