44420107	DATA SHEET	LAPP
Valid from: 17.09.2018	EPIC® SIGNAL M23 SEM/BEM 12P	

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	12
Termination method	Solder termination; solder pins with Ø 1.0 mm for PCB soldering. Pin length from rear edge of housing B1/B2: 4 mm
Temperature range	-25 to +125 °C
Contacts included	ja

Product variations

Article no.	Version	Contacts
44420107	P-Part	male contacts, PCB solder
44420108	P-Part	female contacts, PCB solder
44420066	E-Part	male contacts, PCB solder
44420106	E-Part	female contacts, PCB solder

Mechanical characteristics

Cycles of mechanical operation	100

Electrical characteristics

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

Materials and surfaces

Insert	PA
Contacts, base material	brass
Contacts, surface	Au

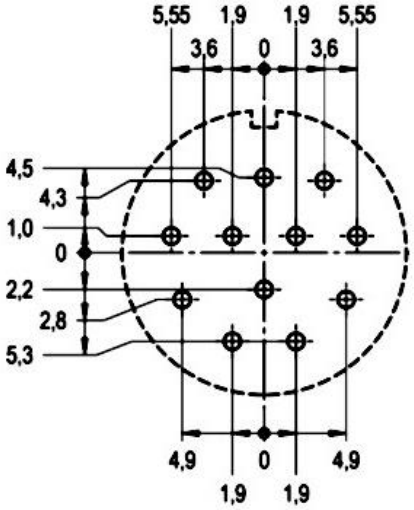
Standards

Safety Standard	IEC61984

AbN automation

We reserve all rights according to DIN ISO 16016.

Drawings



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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.

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