

00009082

**DATA SHEET**Valid from:  
26.05.2022**EPIC® SIGNAL R 3.0 B1****LAPP****Description**

- Circular connectors with solder termination
- 21-pin and 26-pin
- highest contact density at small space requirements
- Connector in solder version for easy maintenance

**General Characteristics**

Series	SIGNAL R 3.0 B1
Number of contacts	21-pin / 26-pin
Pin configuration	Male E-part / Female P-part
Coding	N
Rated voltage (V)	24V AC / 60V DC
Rated impulse voltage	1,5 kV
Rated current (A)	7,5 A
Contact resistance	< 3 mOhm
Contacts	Copper alloy, gold plated
Termination methods	Solder termination: up to 1.0 mm <sup>2</sup>
Fastening type	M3 (4x)
Protection	IP 67 (maximum, dependant on used cable gland)
Cycle of mechanical operation	500
Temperature range	-40°C to +100°C, short-term up to +125°C

**Materials and Surfaces**

Housing	Nickel plated copper alloy
Insert	Thermoplastic
Sealing	Chloroprene Rubber

**Versions**

Article number	Article description	Version	Contacts	Pin configuration	Fastening type	Coding
00009082	EPIC® SIGNAL R 3.0 B1	male	1 - 21	E-Part	M3 (4x)	N
00009135	EPIC® SIGNAL R 3.0 B1	female	1 - 21	P-Part	M3 (4x)	N
00008978	EPIC® SIGNAL R 3.0 B1	female	1 - 26	P-Part	M3 (4x)	N

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## DATA SHEET

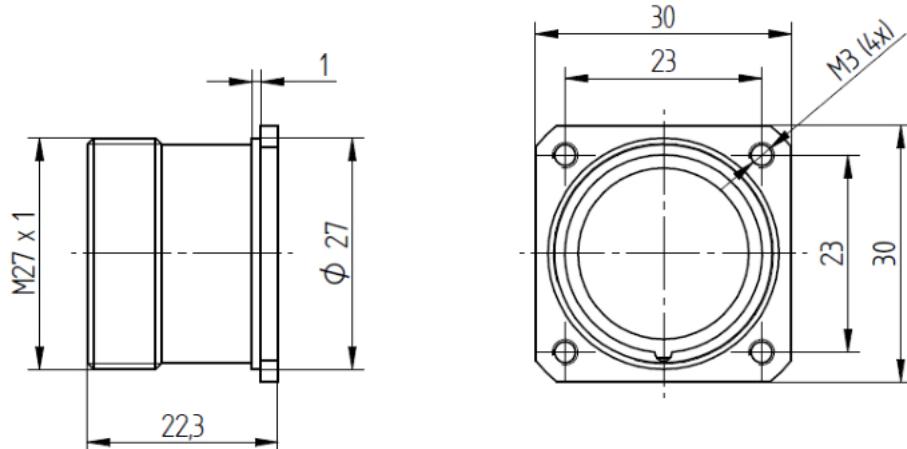
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## Technical Drawings

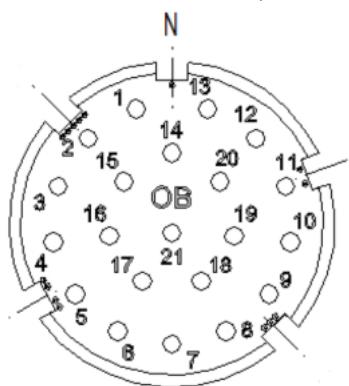
## Housing



## Inserts (plug-side view)

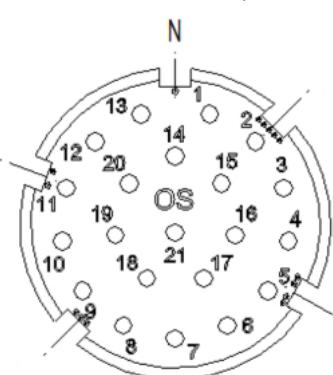
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P-Part / female 21 pins



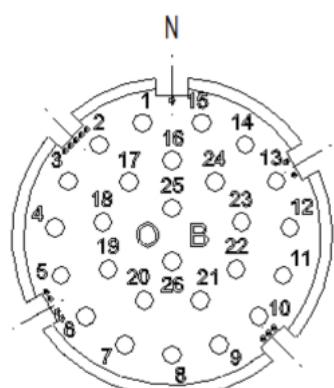
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E-Part / male 21 pins



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P-Part / female 26 pins



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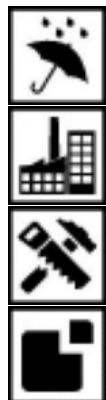
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**LAPP**



Corrosion-resistant

Industrial machinery and plant engineering

Mechanical resistance

Space requirement

## Application range

Machine and equipment manufacturing  
Measurement and control technology

## Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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