

00008854

DATA SHEETValid from:
23.05.2022**EPIC® SIGNAL R 3.0 F PG16****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 maintainance

**General Characteristics**

| | |
|-------------------------------|--|
| Series | SIGNAL R 3.0 F |
| Number of contacts | 21-pin / 26-pin |
| Pin configuration | Male E-part / Female P-part |
| Coding | N |
| Rated voltage (V) | 24V AC / 60VDC |
| 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 ² |
| Cable clamping range | 6,5-16 |
| Protection | IP 67 (maximum, dependant on cable gland used) |
| Cycle of mechanical operation | 500 |
| Temperature range | -40°C to +100°C, short-term up to +125°C |

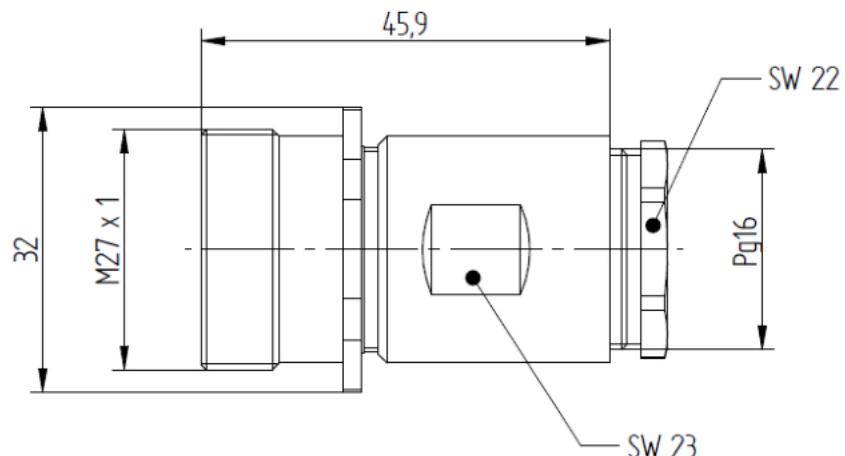
Materials and Surfaces

| | |
|---------|----------------------------|
| Housing | Nickel plated copper alloy |
| Insert | Thermoplastic |
| Sealing | Chloroprene Rubber |

Versions

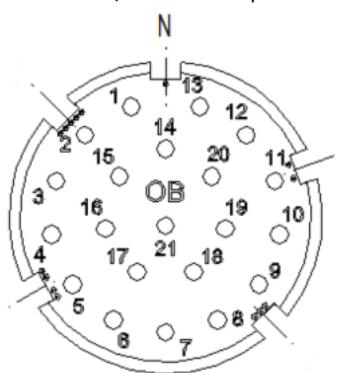
| Article number | Article description | Version | Contacts | Pin configuration | Clamping range | Coding |
|----------------|----------------------------|---------|----------|-------------------|----------------|--------|
| 00008854 | EPIC® SIGNAL R 3.0 F PG 16 | male | 1 - 21 | E-Part | 6,5 - 16 mm | N |
| 00008822 | EPIC® SIGNAL R 3.0 F PG 16 | male | 1 - 26 | E-Part | 6,5 - 16 mm | N |
| 00008779 | EPIC® SIGNAL R 3.0 F PG 16 | female | 1 - 21 | P-Part | 6,5 - 16 mm | N |
| 00008979 | EPIC® SIGNAL R 3.0 F PG 16 | female | 1 - 26 | P-Part | 6,5 - 16 mm | N |

AbN
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Technical Drawings**Housing****Inserts (plug-side view)**

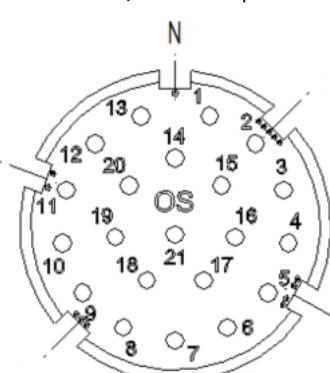
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P-Part / female 21 pins



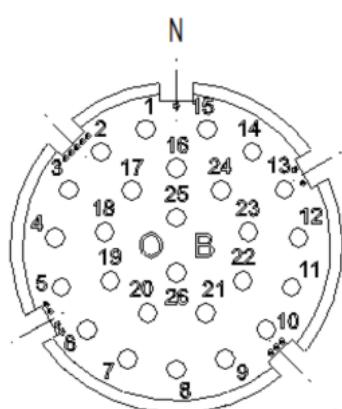
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E-Part / male 21 pins



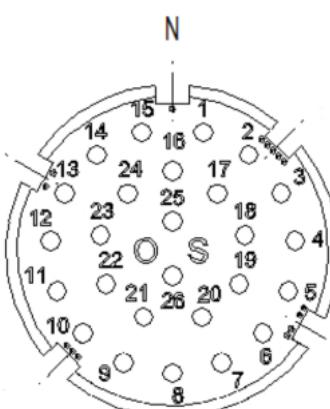
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P-Part / female 26 pins



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E-Part / male 26 pins



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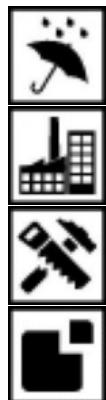
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EPIC® SIGNAL R 3.0 F PG16



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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Page 3 of 3

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