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| 00009371 | DATA SHEET |  |
| Valid from: 23.05.2022 | EPIC® SIGNAL R 3.0 G1 | |

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 G1 |
| 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 |
| Fastening type | Ø25mm (1x) |
| 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

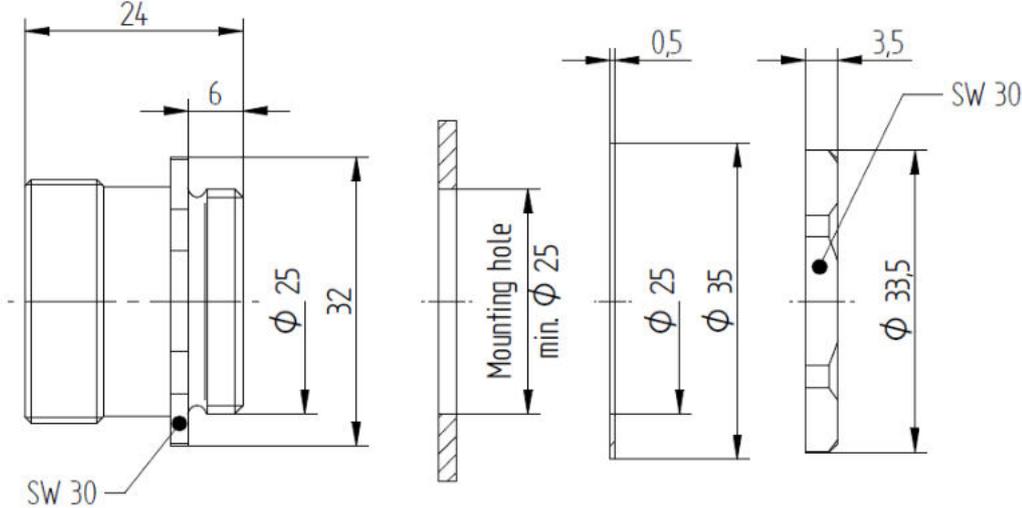
| Article number | Article description | Version | Contacts | Pin configuration | Fastening type | Coding |
|----------------|-----------------------|---------|----------|-------------------|----------------|--------|
| 00009371 | EPIC® SIGNAL R 3.0 G1 | male | 1 - 21 | E-Part | Ø25mm (1x) | N |
| 00009894 | EPIC® SIGNAL R 3.0 G1 | male | 1 - 26 | E-Part | Ø25mm (1x) | N |
| 00009057 | EPIC® SIGNAL R 3.0 G1 | female | 1 - 21 | P-Part | Ø25mm (1x) | N |
| 00009005 | EPIC® SIGNAL R 3.0 G1 | female | 1 - 26 | P-Part | Ø25mm (1x) | N |

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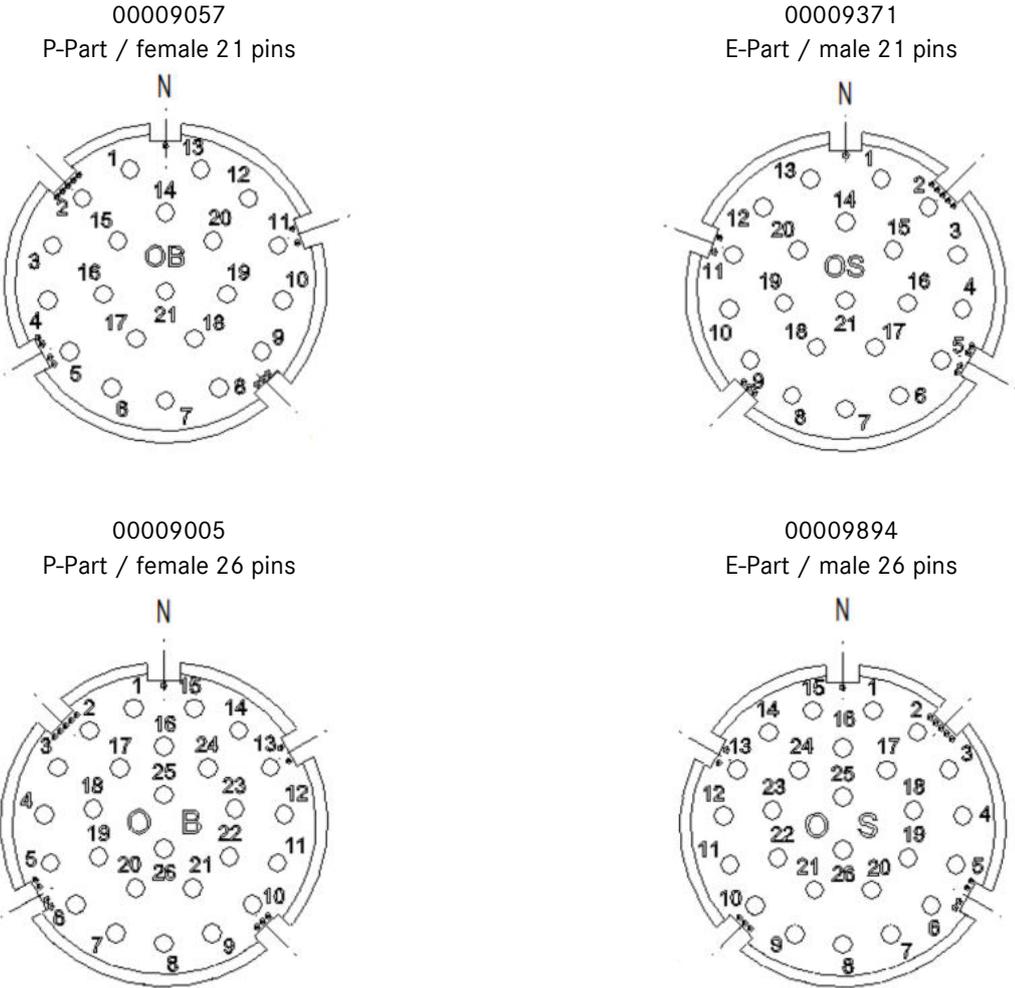
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Technical Drawings

Housing



Inserts (plug-side view)



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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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