

00009045	<b>DATA SHEET</b>	 <b>LAPP</b>
Valid from: 23.05.2022	<b>EPIC® SIGNAL R 3.0 D PG16</b>	

## 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 D
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 <sup>2</sup>
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
00009045	EPIC® SIGNAL R 3.0 D PG 16	male	1 - 21	E-Part	6,5 - 16 mm	N
00008899	EPIC® SIGNAL R 3.0 D PG 16	male	1 - 26	E-Part	6,5 - 16 mm	N
00008749	EPIC® SIGNAL R 3.0 D PG 16	female	1 - 21	P-Part	6,5 - 16 mm	N
00008829	EPIC® SIGNAL R 3.0 D PG 16	female	1 - 26	P-Part	6,5 - 16 mm	N

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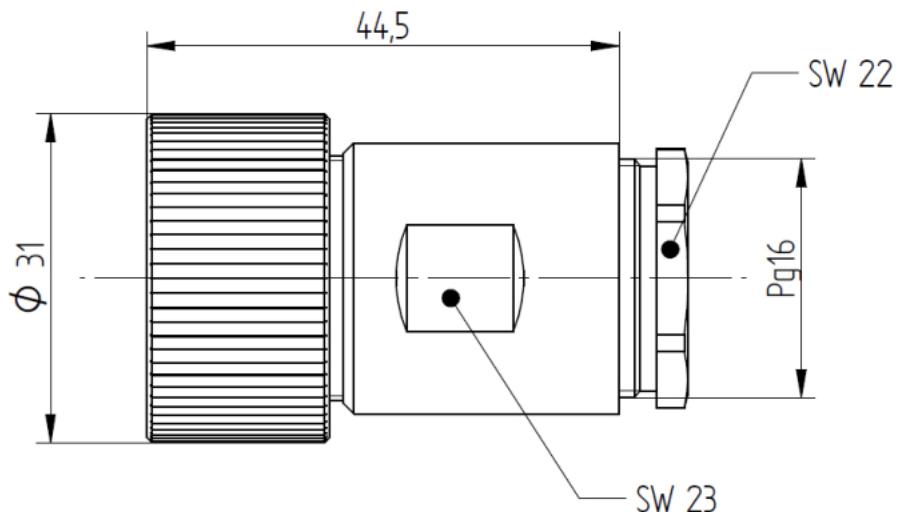
Creator: FICE1/PDP Released: VACH1/PDP	Document: DB00009045EN Version: 02	Page 1 of 3
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## Technical Drawings

## Housing



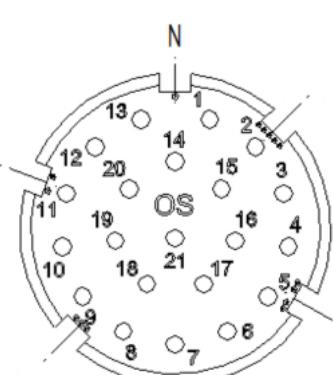
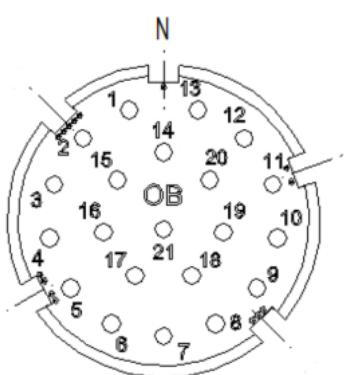
### Inserts (plug-side view)

00008749

P-Part / female 21 pins

00009045

E-Part / male 21 pins

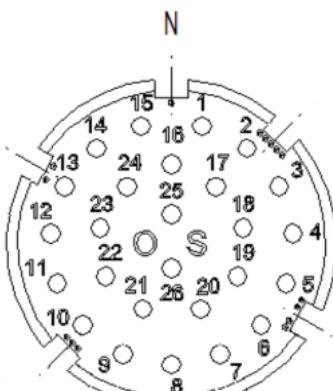
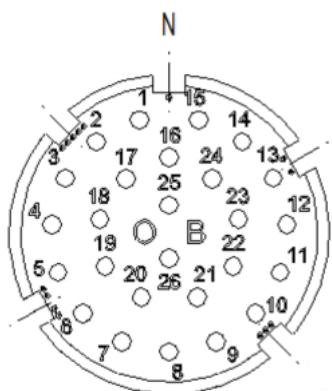


00008829

P-Part / female 26 pins

00008899

E-Part / male 26 pins





Corrosion-resistant



Industrial machinery and plant engineering



Mechanical resistance



Space requirement

## Info

Compact and reliable connector for multicore signal cables

## 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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