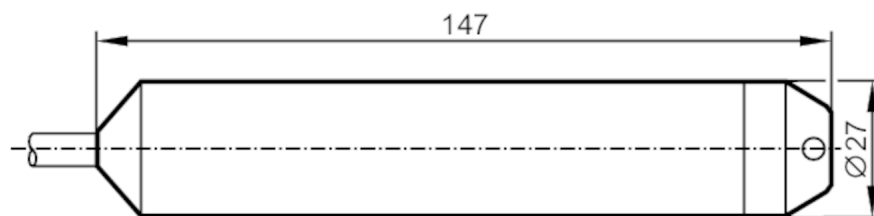




## Transmitter tekanan submersible hidrostatik

SUBMERSIBLE 0,25BAR 5M FEP CABLE 1G/1D



## Karakteristik produk

|                         |                         |              |              |                              |            |
|-------------------------|-------------------------|--------------|--------------|------------------------------|------------|
| Jumlah input dan output | Jumlah output analog: 1 |              |              |                              |            |
| Rentang pengukuran      | 0...0.25 bar            | 0...250 mbar | 0...3.63 psi | 0...100.4 inH <sub>2</sub> O | 0...25 kPa |

## Aplikasi

|                      |                                                                                                                                                    |        |         |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|
| Aplikasi             | untuk aplikasi industri                                                                                                                            |        |         |
| Media                | Cairan                                                                                                                                             |        |         |
| Suhu media [°C]      | -10...60; (T6: -10...60 °C; T5: -10...80 °C; T4: -10...85 °C; 1 D, 1/2 D, 2 D (750 mW): -10...40 °C; (650 mW): -10...70 °C; (550 mW): -10...85 °C) |        |         |
| Tekanan ledakan min. | 2.4 bar                                                                                                                                            | 35 psi | 240 kPa |
| Peringkat tekanan    | 2 bar                                                                                                                                              | 29 psi | 200 kPa |
| Tipe tekanan         | tekanan relatif                                                                                                                                    |        |         |

## Data kelistrikan

|                              |                                                               |  |  |  |
|------------------------------|---------------------------------------------------------------|--|--|--|
| Amplifier pengalih           | koneksi ke isolator suplai yang aman secara intrinsik (Ex ia) |  |  |  |
| Tegangan pengoperasian [V]   | 10...30 DC                                                    |  |  |  |
| Kelas perlindungan           | III                                                           |  |  |  |
| Pelindung polaritas terbalik | ya                                                            |  |  |  |
| Prinsip pengukuran           | hidrostatik                                                   |  |  |  |

## Input/output

|                         |                         |
|-------------------------|-------------------------|
| Jumlah input dan output | Jumlah output analog: 1 |
|-------------------------|-------------------------|

## Output

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| Jumlah total output      | 1                                                             |
| Sinyal output            | sinyal analog                                                 |
| Jumlah output analog     | 1                                                             |
| Output arus analog [mA]  | 4...20                                                        |
| Beban maks. [Ω]          | 700; (U <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA) |
| Pelindung hubung singkat | ya                                                            |

## Rentang pengukuran/pengaturan

|                    |              |              |              |                              |            |
|--------------------|--------------|--------------|--------------|------------------------------|------------|
| Rentang pengukuran | 0...0.25 bar | 0...250 mbar | 0...3.63 psi | 0...100.4 inH <sub>2</sub> O | 0...25 kPa |
|--------------------|--------------|--------------|--------------|------------------------------|------------|

## Akurasi/deviasi

|                                 |                                                                                                                               |  |  |  |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Kemampuan pengulangan [X21]     | < 0,1; (dengan fluktuasi suhu < 10 K)                                                                                         |  |  |  |
| Deviasi karakteristik [X21]     | < 0,25 (BFSL) / 0,5; (termasuk linearitas, nol dan kesalahan rentang (pengaturan nilai batas); BFSL = Best Fit Straight Line) |  |  |  |
| Deviasi linearitas [X21]        | < 0,2 (BFSL)                                                                                                                  |  |  |  |
| Stabilitas jangka panjang [X21] | < 0,2; (per tahun)                                                                                                            |  |  |  |
| Titik nol koefisien suhu [X22]  | < ± 0,2; (0...50 °C)                                                                                                          |  |  |  |

# PS308A



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Rentang koefisien suhu [X22]  $< \pm 0,2; (0...50\text{ }^{\circ}\text{C})$

### Kondisi pengoperasian

|                              |                                       |
|------------------------------|---------------------------------------|
| Suhu sekitar [°C]            | -10...60                              |
| Catatan tentang suhu sekitar | T6: -10...60 °C                       |
|                              | T5: -10...80 °C                       |
|                              | T4: -10...85 °C                       |
|                              | 1 D, 1/2 D, 2 D (750 mW): -10...40 °C |
|                              | 1 D, 1/2 D, 2 D (650 mW): -10...70 °C |
|                              | 1 D, 1/2 D, 2 D (550 mW): -10...85 °C |
| Suhu penyimpanan [°C]        | -10...60                              |
| Perlindungan                 | IP 68                                 |

### Pengujian/persetujuan

|                              |                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Persetujuan                  | BVS 10 ATEX E 132 X; IECEx BVS 10.0085 X                                                                           |
| Tanda ATEX                   |  I M1 Ex ia I Ma                  |
|                              |  II 1 G Ex ia IIA T4/T5/T6 Ga     |
|                              |  II 1/2G Ex ia IIC T4/T5/T6 Ga/Gb |
|                              |  II 2 G Ex ia IIC T4/T5/T6 Gb     |
|                              |  II 1D Ex ia IIIC T120°C Da      |
| MTTF [ANN]                   | 969                                                                                                                |
| Pressure Equipment Directive | Praktik rekayasa suara; dapat digunakan untuk cairan grup 2; cairan grup 1 tergantung permintaan                   |

### Data teknis

|           |                                   |
|-----------|-----------------------------------|
| Berat [g] | 660.2                             |
| Material  | baja tahan karat (1.4571 / 316Ti) |

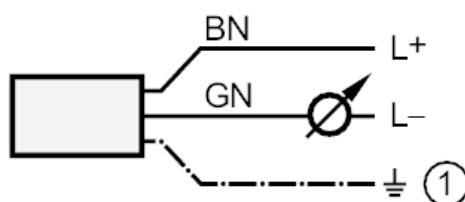
### Keterangan

|              |        |
|--------------|--------|
| Jumlah paket | 1 buah |
|--------------|--------|

### Koneksi listrik

Kabel: 5 m, FEP, Ø 7.5 mm

Koneksi



1: pelindung (terhubung ke casing)  
Warna core :  
BN = coklat  
GN = hijau