

# SERIES 26 W



## PIEZORESISTIVE PRESSURE TRANSMITTERS FOR LEVEL- AND HIGH PRECISION PRESSURE MEASUREMENTS

The Series 26 W transmitter utilises the Series 10 piezoresistive capsule, which is housed inside a submersible 316 stainless steel body as standard.  
For corrosive applications hastelloy and platinum diaphragms are available as options. 26 W vented gauge versions have cable with integral vent tube. These transmitters are fitted with durable PUR cable.

### SPECIFICATIONS

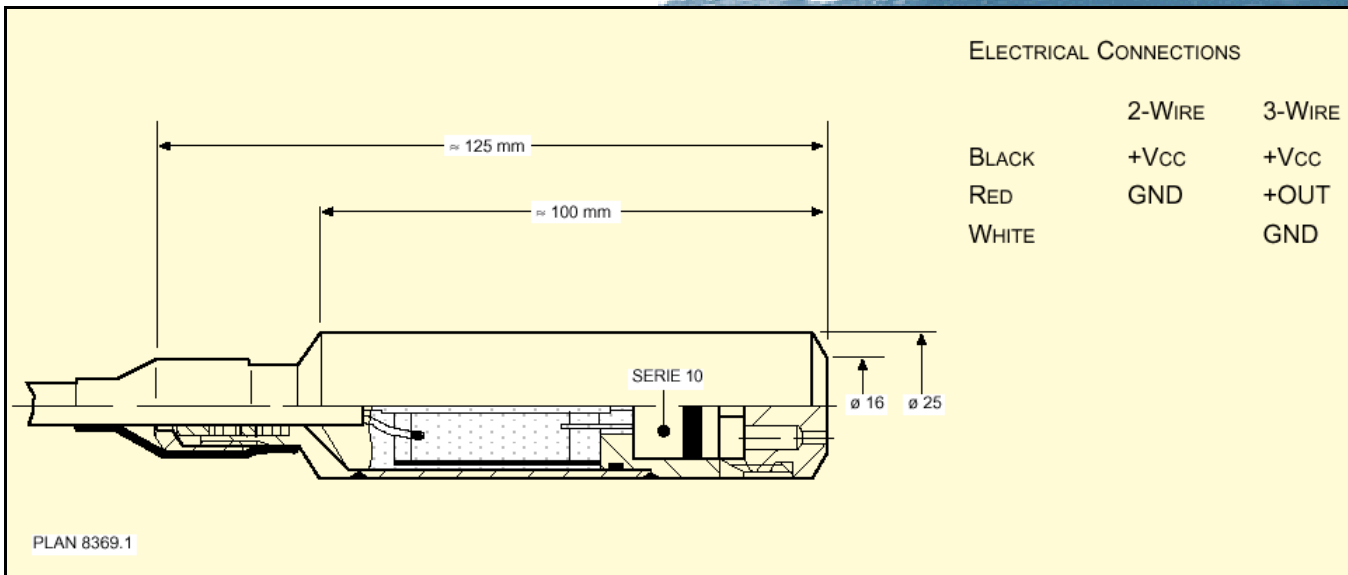
|                      |           |                            |      |      |      |      |      |
|----------------------|-----------|----------------------------|------|------|------|------|------|
| Pressure Ranges (FS) | 200       | 500                        | 1000 | 2000 | 5000 | mbar |      |
| Stability            | typ./max. | 1/3                        | 1/3  | 2/4  | 2/4  | 5/10 | mbar |
| Linearity            |           | 0,2% FS typ., 0,5% FS max. |      |      |      |      |      |

|                                |                                 |           |           |                            |  |  |
|--------------------------------|---------------------------------|-----------|-----------|----------------------------|--|--|
| Compensated Temp. Range        | 0...50°C (on demand -10...80°C) |           |           |                            |  |  |
| Storage-/Operating Temperature | -45...100°C                     |           |           |                            |  |  |
| Temperature Coefficients...    | ...of Zero, in %FS/°C           |           |           | ...of Sensitivity, in %/°C |  |  |
| · Range > 1 bar                | 0,005 typ.                      | 0,01 max. | 0,02 max. |                            |  |  |
| · Range 1 bar                  | 0,010 typ.                      | 0,02 max. | 0,02 max. |                            |  |  |
| · Range 0,5 bar                | 0,015 typ.                      | 0,03 max. | 0,02 max. |                            |  |  |
| · Range 0,2 bar                | 0,025 typ.                      | 0,05 max. | 0,02 max. |                            |  |  |

|                |             |             |  |  |  |  |
|----------------|-------------|-------------|--|--|--|--|
| Stability      |             |             |  |  |  |  |
| · Range >2 bar | 0,1%FS typ. | 0,2%FS max. |  |  |  |  |
| · Range ≤2 bar | 1 mbar typ. | 2 mbar max. |  |  |  |  |

|                |                |                |             |
|----------------|----------------|----------------|-------------|
| Type           | 2-Wire         | 3-Wire         | 3-Wire      |
| Excitation (U) | 8...30 VDC     | 13...28 VDC    | 13...28 VDC |
| Signal Output  | 4...20 mA      | 0...20 mA      | 0...10 V    |
| Load (Ω)       | < (U-8V)/0,02A | < (U-5V)/0,02A | > 5K        |

- Cable ø7,3 or 5,8 mm, PUR or PE, integrated reference tube  
 Cable Length Standard: 5 Meter  
 Material in Media Contact Stainless Steel 316 L, Viton- or Silicone O-ring  
 Weight ≈200 gramme  
 Options  
 - Cable length  
 - Transducer: Platinum diaphragm, Hastelloy-housing  
 - Others versions and pressure ranges on request



#### ELECTRICAL CONNECTIONS

|       | 2-WIRE | 3-WIRE |
|-------|--------|--------|
| BLACK | +VCC   | +VCC   |
| RED   | GND    | +OUT   |
| WHITE |        | GND    |

Subject to alterations