

# DIFFERENTIAL PRESSURE TRANSMITTER with LED display

**DPF**  
**sensors**  
www.dpfensors.es

**Pressure range: 0,5 kPa,  $\pm 1$ ,  $\pm 2$ ,  $\pm 5$ ,  $\pm 10$ ,  $\pm 20$ ,  $\pm 30$  kPa, 100kPa  
( $\pm 5$  mbar,  $\pm 10$ ,  $\pm 20$ ,  $\pm 50$ ,  $\pm 100$ ,  $\pm 200$ ,  $\pm 300$  mbar,  $\pm 1$  bar)**

**Output: 4..20 mA and 0..10 V**

**Media: air, non-aggressive gases**

DPT-LCD

## CONSTRUCTION

- i Material: wetted material sensor parts and case made of plastic
- i Silicon membrane
- i LED-display
- i Operating temperature: 0 °C ..+50 °C

## APPLICATIONS

- i Air conditioning and heating
- i Civil engineering / Process control
- i Pneumatics



## DESCRIPTION

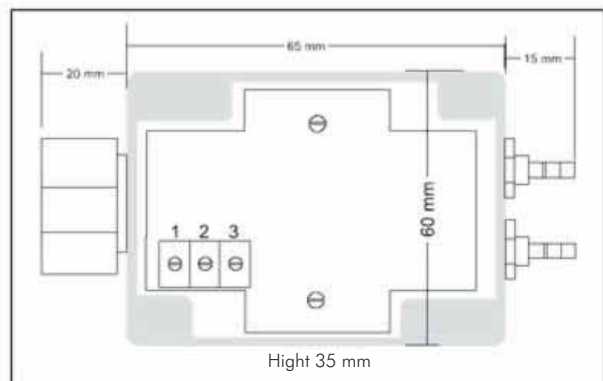
The absolute pressure transmitter is used in industrial application, environmental measurement and facility management and to measure differential pressure in gases. The pressure sensors are maintenance free.

### Technical information:

Output: 4..20 mA and 0..10 V  
Supply voltage: 12..32 V DC  
Linearity:  $\pm 1,0\%$  F.S.  
Total error:  $\pm 2,5\%$  F.S.  
Elektric connection: C-clamp in the case  
Pressure connection: hose connection 3,5 mm  
oder 5,5 mm  
Operating temperature: 0 °C ..+ 50 °C  
Environment temperature: 0 °C ..+ 50 °C  
Protection class: IP 65 acc. To DIN 60 529

### Connection:

Pin	(Output 0..10 V)	(Output 4..20 mA)
1	+supply	1 +supply
2	output	2 ground and resistor
3	ground	3 not used



Safety advice/conditions concerning the use:

Please note the applicable safety regulations laid down by the regulatory bodies in the country of use. Do not act against the warning notes and other instructions written in the manual.

We arranged this manual with care. However, it was not possible to consider all applications. If you require further notes for your special settings, please contact us.

Mistakes and changes in the sense of technical improvements reserved.



Sta. Virgilia 29 Local.1A 28033 Madrid  
Tfno.: 91 764 21 00 Fax.: 91 764 21 32  
www.guemisa.com Email.:info@guemisa.com