



In control.

PX 77-3

The PX77/3 is a solid electronic pressure transmitter.



Technical data

Casing:	Stainless steel
Dimensions:	22 x 73 mm
Connection:	1/4" Flare (standard) 1/4" and 1/2" BSP (upon request)
Supply:	12 .. 32 Vdc
Connection:	Standard connector according DIN EN 175 301-803 BF C
Protection:	IP 65 according plug specification
Temp. range:	-40/+125°C
Pressure range:	-1 / + 9 bar -1 / + 24 bar 0 / + 10 bar 0 / + 25 bar
Output:	4/20 mA
Overload:	2x the range of the sensor
Burst pressure:	3x the range of the sensor
Total error:	-40..-12 °C 3,0% typ. 2,0% -20..+85 °C 1,0% typ. 0,7% +85..+100 °C 2,5% typ. 1,5%
Weight:	90g

The sensor is resistant to pressure peaks, vibration-proof, is shockproof and insensitive to temperature shocks.

Parts and casing which will be in contact with the measuring material is made of stainless steel CrNiCuNb 17-4.

This material is resistant against most materials used in the cooling industry.

The measuring sensor is equipped with a stainless steel membrane.

Possible environments are:

- refrigeration
- pneumatics
- hydraulics
- process technology
- water technology

The pressure sensor is available in a few standard ranges with a 1/4" Flare connections. Other ranges and connections are available upon request.

The sensor is calibrated electronically, so that the pressure transmitter displays a comparably small total error and are stable in the long term.