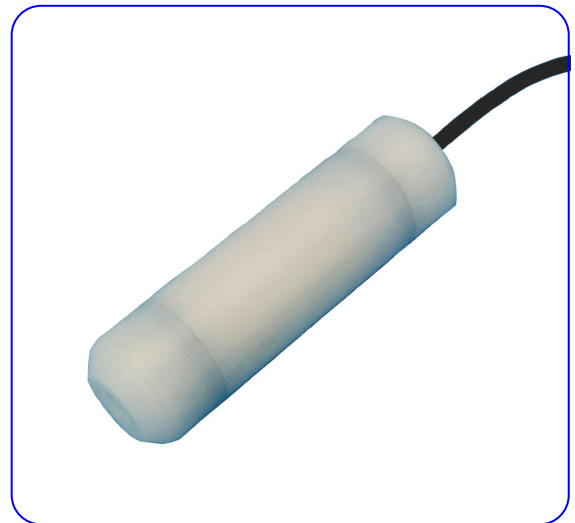


CORROSIVE MEDIA LEVEL TRANSMITTER

PTX23 SERIES

- CHEMICAL RESISTANT
- ± 0.5 % FS ACCURACY
- CAPTIVE SEALED LEAD
- LIGHTNING PROTECTION OPTION
- PUR OR Teflon CABLE
- 2 YEAR WARRANTY



INTRODUCTION

The PTX23 pressure transmitter is a high accuracy, robust, 2 wire (4 to 20) mA current output pressure sensing device designed to withstand immersion in most aggressive chemicals. It is an assembly containing a piezoresistive element, oil filled and sealed in a PVDF case with a choice of PUR or PTFE cable to any length required.

The PTX23 is ideal for applications measuring depth and levels in aggressive fluids, chemicals and waste water.

Ranges are to DIN standard (in ratios of 1, 1.6, 2.5, 4, 6) e.g 100, 160, 250, 400, 600 mbars and 1, 1.6 bars etc. up to 25 bar with custom calibrations available to all pressure measurement units.

SPECIFICATION @ 20 °C

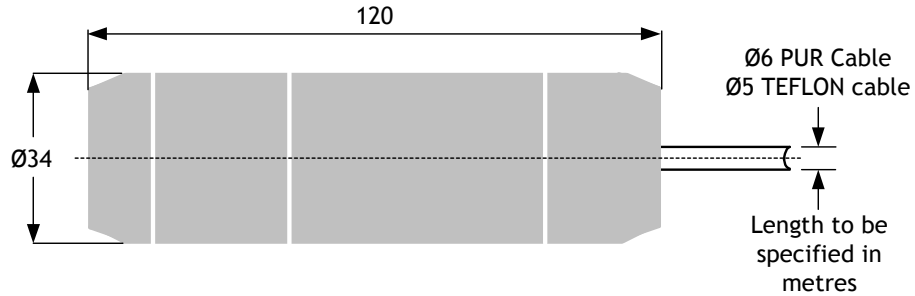
Input Type	Gauge	Construction	Body
Pressure Range	Standard DIN pressure ranges from (0 to 25) bar full scale	Diaphragm	PVDF
Over Pressure	3 bar (0 to 500) mbar 3 x FS (5 to 2) bar (minimum 3 bar) 3 x FS (2 to 25) bar	Seals	S/S 316L Teflon Coated VITON, others available
Burst Pressure	Rated pressures can be exceeded up to 200 bar	Approvals	
Supply Voltage	(9 to 33) VDC voltage influence > 0.1 % FS	Emissions	EN 61000-6-3
Output	(4 to 200) mA, two wire	Immunity	EN 61000-6-2
Accuracy	Standard $\leq \pm 0.5$ % FS (0 to 25) bar Optional $\leq \pm 0.25$ % FS (0 to 25) bar		
Operating Temp. Range	Standard (0 to 70) °C Optional (-25 to 85) °C		
Electrical Connection	PUR or Teflon cable lengths to be specified at time of order.		

Note: Combined Non-linearity, Hysteresis and Repeatability will not deviate from the straight line connecting Zero and FS output by more than the accuracy stated.

CORROSIVE MEDIA LEVEL TRANSMITTER

MECHANICAL DETAILS

(All dimensions in mm)



ORDER CODE

PTX23		/		/		/		/		/		/	
Intrinsic safety	X												
Gauge	G												
Open End	0												
Pressure Range: Low / High													
OPTIONS													
Standard Temperature Range (0 to 70) °C												0	
Extended Temperature Range (0 to 70) °C												1	
High Accuracy 0.25 %												3	
Compound Reg./PLUS or offset zero												5	
0.1 % Accuracy												6	
Lightening Protection												10	
CABLE													
PUR												P	
Teflon												T	
Weighted Option												W	