

## SERIES: PTP806



- 4-20 mA OUTPUT
- 2-WIRE TRANSMITTER
- ACCURATE AND STABLE
- VARIOUS INPUT RANGES

## Rail Mounting



### INTRODUCTION

Indumart *PTP806* Pressure Transmitter is a two-wire transmitter which produces a 4-20 mA output signal directly proportional to its pressure input. Premium grade and precision electronic components are used throughout this instrument to assure excellent accuracy and stability, high reliability and long life.

The *PTP806* transducer does not require adjustment, since it's adjusted for the stated pressure. However, for future calibration, zero and span adjustments are accessible to the operator. It can accept pressure up to 1.5 times of its nominal range without damaging its sensor.

The pressure connection of the *PTP806* is 1/4" NPT male and the instrument should be mounted in vertical position on a 32 or 35 mm rail.

### SPECIFICATIONS

<b>Input</b> (Dry air only)	See the ordering code Other ranges available on request
<b>Output</b>	4-20 mA
<b>Over-range Output</b>	26 mA
<b>Supply Voltage</b>	12...30 VDC (loop-powered)
<b>Accuracy</b>	Better than $\pm 0.5\%$ F.S.
<b>Zero &amp; Span Adjustment</b>	Potentiometer
<b>Thermal Effect</b>	$\pm 0.05\%$ F.S. / $^{\circ}\text{C}$
<b>Maximum Pressure</b>	1.5 time the maximum
<b>Pressure Connection</b>	1/4" NPT male - other on request
<b>Response Time</b>	0.5 ms (10% to 90%)
<b>Housing Material</b>	Polyamide
<b>Mounting</b>	TS-32 or TS-35 mm rail mount; Vertical position
<b>Operating Temperature</b>	0...+50 $^{\circ}\text{C}$
<b>Ambient Temperature</b>	0...+50 $^{\circ}\text{C}$
<b>Protection Class</b>	IP20
<b>Weight</b>	0.1 kg (0.22 lb)
<b>Electromagnetic (EMC) Compatibility</b>	According to the standard EN 61326:2007
<b>Immunity:</b>	-A- criterion
<b>Noise Emission:</b>	-A- class

### ORDER CODE

Model: **PTP806** -

#### RANGE

0...6 kPa (0...60 mbar)  
 0...10 kPa (0...100 mbar)  
 0...16 kPa (0...160 mbar)  
 0...25 kPa (0...250 mbar)  
 0...40 kPa (0...400 mbar)  
 0...60 kPa (0...600 mbar)  
 0...100 kPa (0...1 bar)  
 0...160 kPa (0...1.6 bar)  
 0...250 kPa (0...2.5 bar)  
 0...400 kPa (0...4 bar)  
 0...600 kPa (0...6 bar)

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
M

Other ranges or pressure units are also available on request.

### DIMENSIONS (mm)

