

**MODEL: PTI806**

- ACCURATE AND STABLE
- 3-15 PSI AIR INPUT
- 4-20 mA OUTPUT
- 2-WIRE TRANSMITTER

**Rail
Mounting****INTRODUCTION**

Indumart *PTI806* Pressure to Current (P/I) Converter is a two-wire transmitter which produces a 4-20 mA output signal directly proportional to its 3-15 psi (0.2 - 1 bar) 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 *PTI806* 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 23 psi (1.5 bar) without damaging its sensor.

The pressure connection of the *PTI806* is ¼" NPT male and the instrument should be mounted in vertical position on a 35 mm rail.

SPECIFICATIONS

Input (Dry air only)	3...15 psi or 0.2...1 bar Other ranges available; please enquire
Output	4-20 mA
Over-range Output	26 mA
Supply Voltage	12...28 VDC (loop-powered)
Accuracy	Better than ±0.25% F.S.
Zero & Span Adjustment	Potentiometer
Thermal Effect	±0.05% F.S. / °C
Maximum Pressure	23 psi (1.5 time the max.)
Pressure Connection	¼" NPT male - other on request
Response Time	0.5 ms (10% to 90%)
Housing Material	Polyamide
Mounting	TS 35 mm rail mount Vertical position
Operating Temperature	0...+50°C
Storage Temperature	-25...+70°C
Protection Class	IP20
Weight	0.1 kg (0.22 lb)

Electromagnetic (EMC) Comatibility

According to the standard EN 61326:2007

Immunity:	-A- criterion
Noise Emission:	-A- class

