

Bailey & Mackey Ltd

Type 481

This series of miniature Pressure Transducers have a piezo-resistive sensor and a unique conductive seal that eliminates internal wire bonding thus enhancing reliability. Zero and full scale adjusters are provided under the top cover. They are ideal for use in areas requiring exact pressure measurement, low hysteresis and long term stability. For all applications where air, oil or water are to be monitored.

- Piezo-resistive sensor
- Ranges from full Vacuum to 20 Bar
- Type 481A for 12/24 ac input, 4-20 mA output
- Type 481B for 24V ac/dc input, 0-10V dc Output
- Supplied with 1m Flying lead
- Complete with Mounting Bracket
- Enclosure rating IP65
- CE Marked to EN 61000-6-2
- Weight 350 grams
- Pressure Connection 1/4" BSP parallel male.



Mechanical Specifications

Pressures

Pressure Ranges	0 to 35 mbar
	0 to 70 mbar
	0 to 350 mbar
	0 to 1 bar
	0 to 2 bar
	0 to 7 bar
	0 to 17 bar
Intermediate ranges to suit application	
Proof of Pressure	1.5 X FS

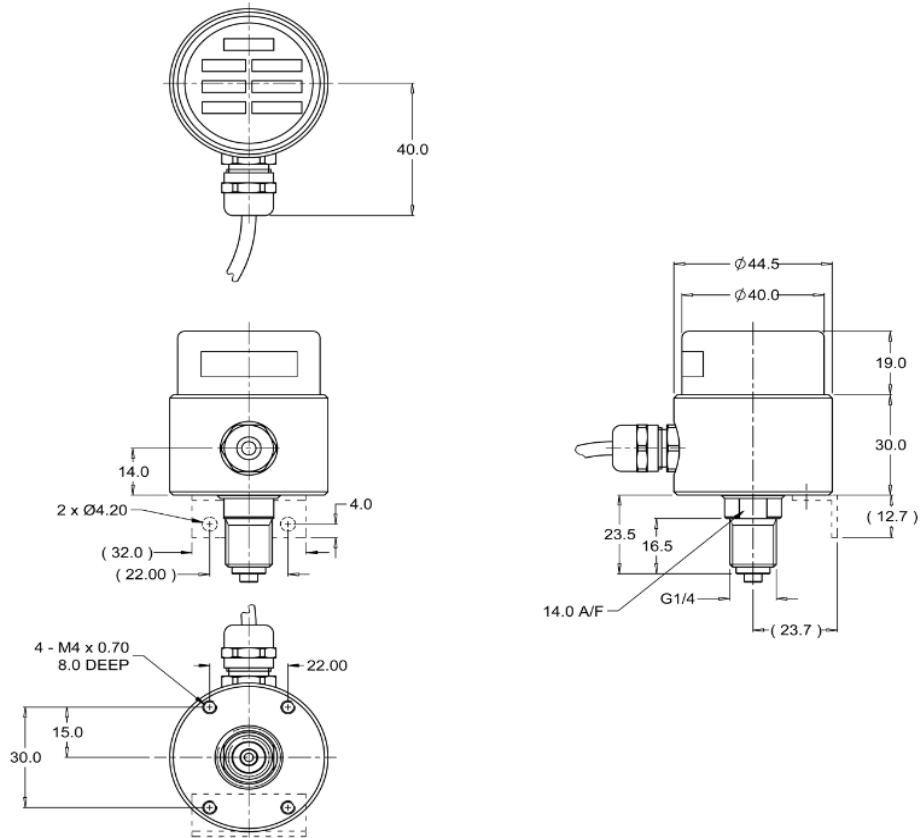
Performance

Accuracy	0.25% FS
Repeatability	0.2% FS/Year typical
Thermal Error	0.026% FS/°C from 20°C
Temperature Range	-20 to +80°C

Mechanical Configurations

Pressure Connection	1/4" BSP Female Brass
Wetted Parts	Brass, Silicon, Nitrile, Flourosilin, Polyetherimide

Technical Drawings



All dimensions in (mm)

Electrical Specifications

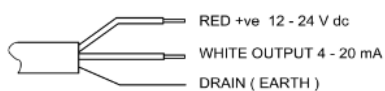
Type 481A

Input	12 to 24V dc
Output	4 to 20mA (2 wire)

Type 481B

Input	24V ac/dc
Output	0 to 10V dc (3 wire)

TYPE 481A :- mA OUTPUT



TYPE 481B :- VOLTAGE OUTPUT

