

PRESSURE TRANSMITTER (PT)

1-5V (12-32V DC)



| OVERVIEW |

The Flamefast Pressure Transmitter (PTxx) is a compact and robust unit, designed for use with the Flamefast range of Pressure Proving Systems. When screwed directing into the gas solenoid valve downstream port, or pipework, the PT provides accurate monitoring of gas systems.

The vented pressure sensor housing removes any concerns associated with vented cables becoming creased, and the M12 connection allows it to be easily fitted without the cable fitted.

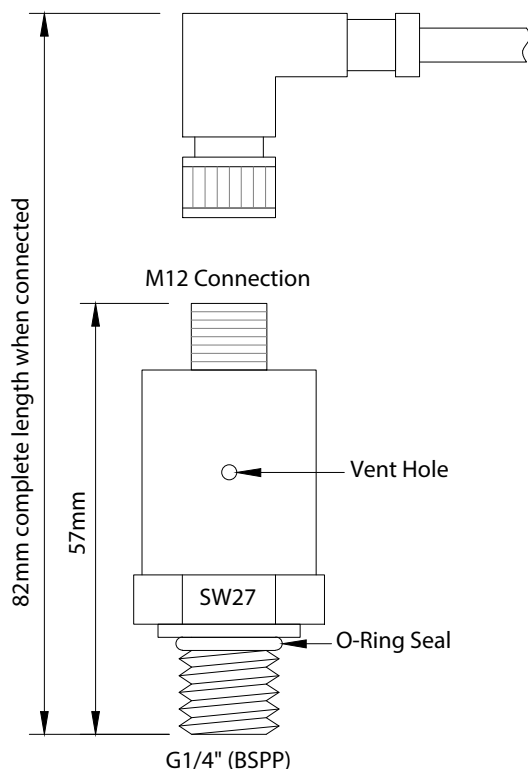
TECHNICAL SPECIFICATION

Power Supply	12-32V DC
Power Consumption	50mA @ 24V Max
Analogue Output	1-5V
Pressure Type	Static
Sensor Type	Piezo-resistive
Seal Material	EPDM
Overload Pressure	2x Full Scale
Media Temp	-30 ~ 80°C
Accuracy	<±0.50% FS
Repeatability	<±0.02% FS / Year
Thermal Coefficient	<±0.02% FS / °C
Process Connection	G1/4 Male (BSPP)
Wetted Parts	Stainless Steel (316L)
IP Rating	IP65
Housing Material	Stainless Steel (316L)
Approval	CE

PART NUMBERS & COMMON ACCESSORIES

PART NO	DESCRIPTION
PT00-ASSY	Pressure Transmitter - 100 mBar (1-5V) c/w 1m Cable Assembly
PT02-ASSY	Pressure Transmitter - 2 Bar (1-5V) c/w 1m Cable Assembly
PT10-ASSY	Pressure Transmitter - 10 Bar (1-5V) c/w 1m Cable Assembly

HIGH PRESSURE GAS PROVING AVAILABLE ON REQUEST



Electrical Connections

Red	V (+)
Black	V (-)
Blue	Out

Installation Instruction

The PT range of pressure transmitters are primarily for use with the Flamefast range of gas safety systems, providing a 1-5V output.

With the o-ring integrated with the G1/4" connection, the PT is designed to seat and seal directly against the downstream port available on most Gas Solenoid Valves.

The cable can be extended, however considerations should be made to stop interference, such as the use of screened cable.

IMPORTANT

Do not tighten using the cable for leverage as this can snap the M12 socket.

If the vent hole is blocked, this will have an adverse effect of the pressure reading.