

# PRESSURE TRANSMITTER (PTA)

4-20mA (8-30V DC)



## | OVERVIEW |

The Flamefast 4-20mA Pressure Transmitter (PTA) is a compact and robust unit for monitoring a wide range of gaseous and liquid media. The full 316L Stainless Steel housing and wetted parts provide excellent media compatibility.

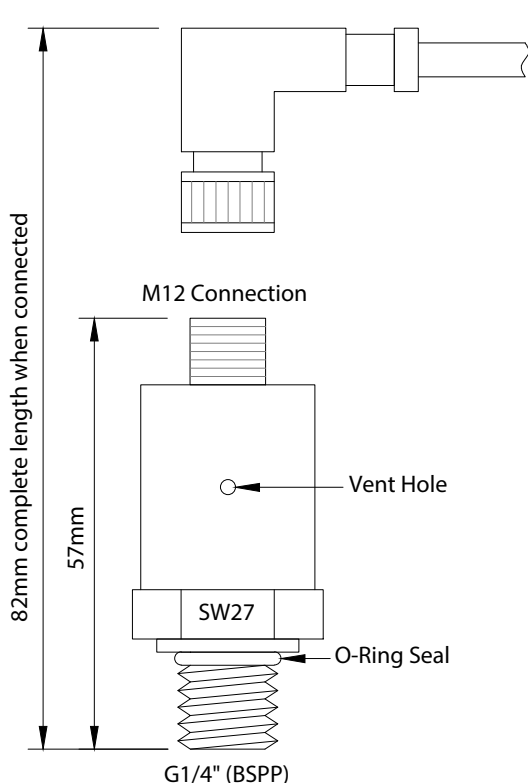
The vented pressure sensor housing removes any concerns associated with vented cables becoming creased, and the M12 connection allows it to be easily fitted without the cable fitted.

## TECHNICAL SPECIFICATION

Power Supply	8-30V DC
Power Consumption	50mA @ 24V Max
Analogue Output	4-20mA
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
PT02A-ASSY	Pressure Transmitter - 2 Bar (4-20mA) c/w 1m Cable Assembly
PT10A-ASSY	Pressure Transmitter - 10 Bar (4-20mA) c/w 1m Cable Assembly
PT40A-ASSY	Pressure Transmitter - 40 Bar (4-20mA) c/w 1m Cable Assembly



### Electrical Connections

DW	H/Æfi
4/SJ	H/Æfi

### Installation Instruction

The PTA range of pressure transmitters are ideal for longer runs without the concern of voltage drops.

With the o-ring integrated with the G1/4" connection, the PTA is designed to seat and seal directly against the downstream ports on valves and pumps.

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 affect of the pressure reading.