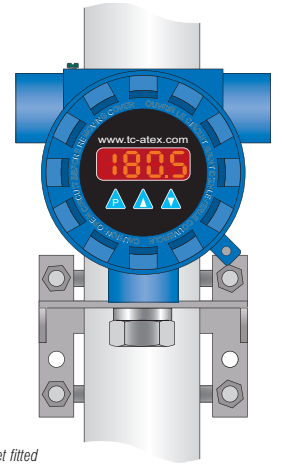


# ATEX / IECEx 4 to 20mA Indicator

## Explosion Proof 4~20mA Loop Powered Indicator

The P27D is a loop powered digital indicator, ATEX/IECEx approved to Ex d IIC T6 Gb (Gas) and Ex tb IIIC Db (Dust) for zone 1 use. It allows a process variable from any 4 to 20mA current source to be monitored. Since the unit derives its power from the loop, no additional power supply or wiring is needed. A low voltage drop (5 Volts at 20mA) means it can be incorporated into almost any 2 wire loop where local or remote indication is needed. The P27D has a 4 digit display which can be configured to read from -999 to 9999 with a 4 to 20mA input signal. The decimal point location and engineering units are adjusted using membrane switches and the indicator can be mounted directly to our thermocouple & RTD sensors or alternatively wall/pipe mounted using the mounting brackets shown below.

- Approved to Ex II 2 GD Ex d IIC Gb (Gas) and Ex tb IIIC Db (Dust)
- IP68 die cast alloy enclosure as standard, 316SS version available on request
- For local or remote indication of 4~20mA signal. Direct sensor or wall/pipe mounting options available.
- Can accommodate a head mount 4~20mA transmitter if required



P27D shown with 01 pipe mount bracket fitted

SECTION 1		Head Details			
Code	Top View	Side View	Thread Selection Tables		
P27D			Code	PE - Probe Entry	CE - Cable Entry
			02	M16 x 2.0mm*	3/4" NPT
			03	M16 x 2.0mm*	M20 x 1.5mm
			04	1/2" NPT	3/4" NPT
			05	1/2" NPT	1/2" NPT
			06	1/2" NPT	M20 x 1.5mm
			11	1/2" BSPP	1/2" NPT
12	1/2" BSPP	M20 x 1.5mm			

\* M16 x 2.0mm thread is supplied for use with pipe mount bracket 01 and is not a thru-hole.

Order Code - Example		
Code No.	Thread Code	Optional Mounting Bracket (See section 2)
P27D	- 05	- 01

SECTION 2		Optional Mounting Brackets for P27D Indicator and P27 Head		
Code	01	02	03	
	Simple 'L' shaped bracket made from stainless steel. Can be used to mount a P27/D on either a wall, panel or 2" dia. pipe using the 'U' bolts supplied in the kit.	Stainless steel bracket used to mount a P27/D on a 2" dia. pipe using the 'U' bolts supplied in the kit. Ideal for when all three ports on the enclosure are required.	Stainless steel bracket used to mount a P27/D on a wall or panel. Ideal for when all three ports on the enclosure are required.	