

TP8 EX Pressure transmitters



Anti-jamming design, approved for hazardous environments TP8 Series industrial pressure transmitter adopts cast aluminum shell, amplified circuit linearization disposal and smart profile. It is suitable for measuring and controlling the pressure of the equipment of petroleum, chemical industry, metallurgy, pharmacy, foodstuff and vintage and so on.

Features & Applications

- Adopting explosion proof shell
- Process stainless steel construction
- LCD display optional
- Low power, long term stability
- HART protocol optional (without EX)



Specification

Range	-100KPa~0KPa~2000bar
Accuracy	±0.25%FS, ±0.5%FS, ±1.0%FS
Excitation	10Vdc,24Vdc(8-36Vdc)
Output	4-20mA,0-10V,0-5V,0-20mA, HART protocol
Repeatability	±0.2%FS
Bridge resistance	1000 ohms±10%
Working temp.	-40°C~125°C
Overload	1.5×FS
Explosion-proof	II 2 G EE x ib IIC T4 (GB3836.1-2000 GB3836.4-2000)
Electronic connection	Box
Process connection	M14×1.5, M18×1.5,M20×1.5,G1/4, G1/2", G3/4 special design

Connections

Model	Function	Color
Output: 0-5V;0-10V Cable	signal +	blue
	signal -	green/white
	excitation+	red
	excitation -	yellow
Model	Function	Color
Output: 4-20mA Cable	excitation +/	red
	signal +	
	excitation -/	black
	signal -	

Dimensions

