

# Industrial Pressure Transmitter

Model: PT124B-211 (Intelligent type)



## Description

The PT124B-211 is a smart industrial 4-20mA pressure transmitter with HART, designed for use in hazardous locations. It is an all welded construction that features various threads for installation. Optional pressure fittings and electrical terminations are available. With high compensated technology, compact design and robust construction make these instruments suitable for all application in machine construction, process control, laboratory or quality and materials testing equipment.



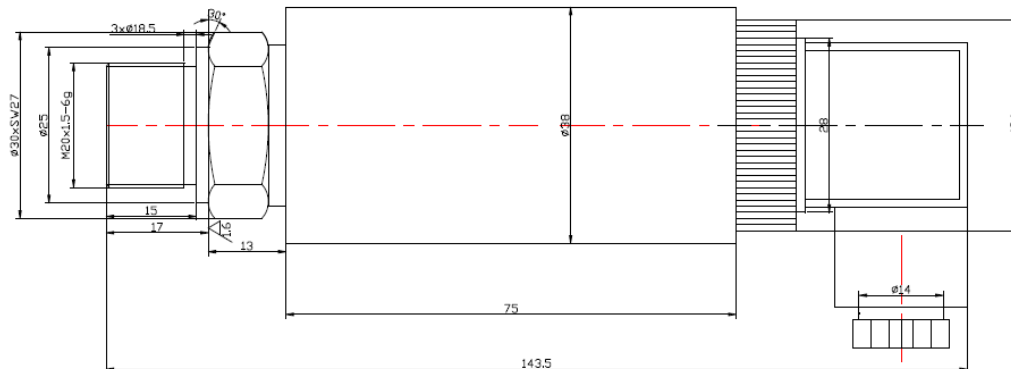
## Application

- ◆ Mechanical Engineering Industry
- ◆ Hydraulic and level measurement
- ◆ Gas tank pressure monitoring
- ◆ Industrial test and control
- ◆ General industrial applications

## Feature

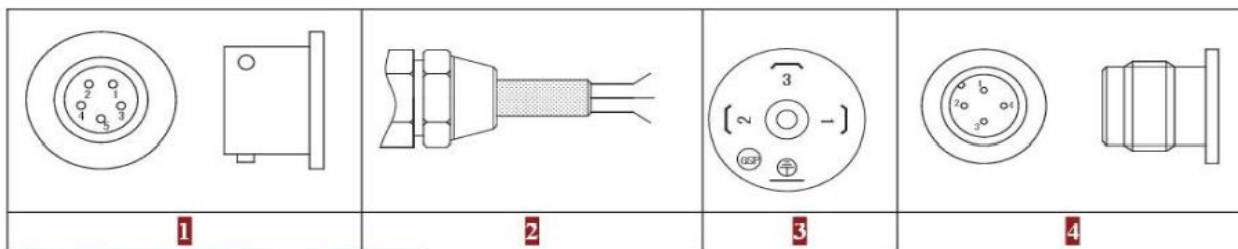
- ◆ Pressure range:-1~0 to 0...2000bar
- ◆ HART digital communication
- ◆ Better than 0.5% combined error
- ◆ Configurable via handled
- ◆ Output supplied directly to DCS or PLC
- ◆ Approved for hazardous environments

## Dimension



**Specification**

Range:	-1~0~200MPa
Accuracy:	0.25%FS, 0.5%FS
Nonlinearity:	Full range x 0.2%
Reliability:	Full range x 0.05%
Output:	4-20mA, HART option
Input voltage:	24(9-36V)DC (Standard)
Operating temperature:	-20~80℃
Compensated temperature:	0~70℃
Overload pressure:	150%FS
Wetted Parts:	stainless steel
Electric connector:	Hirschman (DIN) , M12,4pin, 5pin connector, grand cable and optional
Process connector:	G1/4, G1/2, 1/2NPT, 1/4NPT, M12*1.5 (Customer design)

**Electric Connector**

**Electric Connection code**

Connector type1	Function	Color	5PIN	Connector type2	Function	Color	
5PIN connector 4-20mA	E+	Red	1	Grand cable 4-20mA	E+	Red	
	S+	Black	2		S+	Black	
Connector type3	Function	Color	4PIN	Connector type4	Function	Color	4PIN
Hirschman 4-20mA	E+	Red	1	M12×1 connector 4-20mA	E+	Red	1
	S+	Black	2		S+	Black	3

**Ordering Guide**

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-211	---	---	---	---	---

Example: PT124B-211-50Bar-4/20mA-G1/2-Hirschman

**Instrument Best Expert Limited Partnership**

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