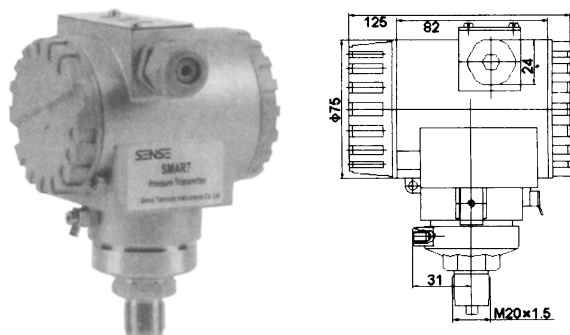


## Sense pressure transmitter



### Product Description

The sense Series pressure transmitters are a low cost. The sense Series is a 4-20mA transmitter, with uni-directional spans. These pressure transmitters incorporate a piezoresistive, silicon micro machined sensing element to enable very low pressure measurements. Integrated temperature compensation with offset and span calibration extends performance of these devices without a sacrifice in accuracy.

The transmitters are powered by a 24 to 36 VDC supply. The electronics provide a two-wire, linear 4-20mA current loop or an optional voltage output. The uni-directional

### Overview

Spans range from 0-0.1Mpa to 0-40Mpa. Factory units are calibrated with a 4-20mA output as standard. If voltage output units are required, they must be ordered as such from the factory.

The sense2000 pressure transmitters may be used in many different applications. They may be used in static pressure applications such as pressure control in rooms or leak detection. Another application is monitoring filter blockage. The pressure transmitter uses a durable and proven technology to provide lengthy and stable performance.

All sense2000 Series transmitters have a limited 2 year warranty.

### Technical parameters

Output :4-20mA VDC

Power supply:24VDC

Accuracy:≤0.5%FS

Range :0.1~40Mpa

Nonlinear :≤0.2%FS

Repeatability :≤0.2%FS

Long-term Stability :0.2%FS(1year)

Allow overload: 1.5\*FS

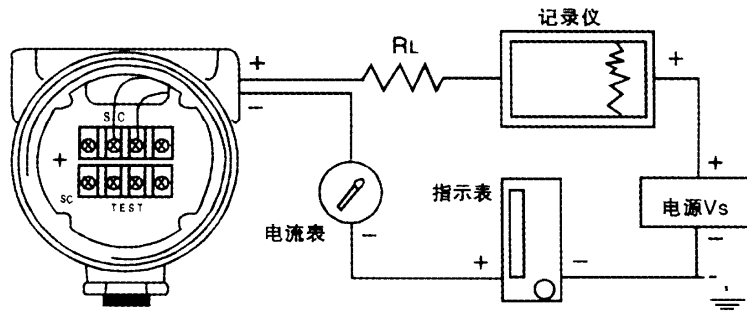
Environmental temperature :-30~80℃

The tested material : Liquid and gas.

Ex types:ia II CT6

Installation:M20\*1.5,or G1' Connecting thread

### Wiring map



信号回路可以在任意点  
接地或不接地

### Selection note

Sense	connections materials	connections form	Sealing materials	output	shows	Precision grade	Range
Exia II CT4-C T6	S:Stainless steel	R:G1/2'	F:Fluororubber	2:4-20m A	A: Pointer meter	1:0.1% FS	20Kpa :max pressure
		B:M20*1.5	P:PTFE	4:0-5V	C:lcd	2:0.2% FS	
		Q:M42*1.5 S:special	S:special	6: special	E:led N:no meter S; special	3:0.5% FS	
	T:special						NOTE: Marking the actual Range value
Sense	S	B	F	2	N	3	100Kpa

Sense-S-B-F-2-N-3-100Kpa