

PT10SR-230 Pressure Transmitter

Specifications

Range	0kPa~10kPa...40MPa
Over pressure	1.5FS
Pressure Type	Gauge, Absolute or Sealed gauge
Accuracy	±0.5%FS
Power Supply	11V~28V DC
Output	4mA~20mA DC (2-wire)
Load Resistance	≤(U-11)/0.02(Ω)
Electric Connection	Hirschmann Plug
Long-term stability	±0.3%FS/year (Max.)
Zero Thermal Drift	±0.1%FS/°C
FS Thermal Drift	±0.1%FS/°C
Operation Temperature	-25°C ~75°C
Storage Temperature	-40°C ~80°C
Relative Humidity	0%~85%



Features

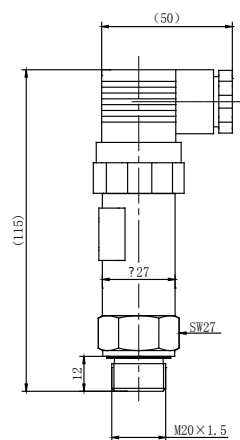
- Safe, reliable
- Short circuit protection and reversed polarity protection
- 2-wire current output
- Zero clearing function
- Segment LED display real-time pressure

Introduction

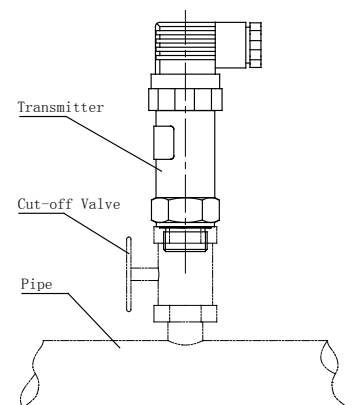
MPM4891 is a newly developed pressure transmitter with LED display board. The high stable pressure sensor and high performance specialized processing circuit are mounted in stainless steel housing. It is stable and reliable. MPM4891 can be widely used for liquid pressure measurement in petroleum, power plant, hydrology and geology fields etc.

Outline Construction and Installation

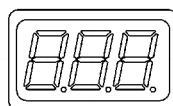
Outline Construction(Unit:mm):



Installation:

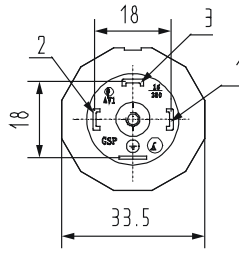


Display:



Electrical Connection

Pin	2-wire current
1	+V
2	+OUT
3	Null



Order Guide

PT10SR-230		Pressure Transmitter			
	Range	0kPa~10kPa...40MPa			
	[0~X] kPa or MPa	X: actual measurement range			
	Code	Output			
	E	4mA~20mA DC (2-wire)			
	Code	Construction Material			
		Diaphragm	Pressure Port	Housing	
	22	SS316L	SS	SS	
	24	SS316L	SS316L	SS316L	
	25	Tantalum	SS	SS	
	35	Tantalum	Hastelloy	SS	
	Code	others			
	B ₁	Plug connection			
	C ₁	M20×1.5 male, face sealing			
	C ₃	G1/2 male			
	C ₅	M20×1.5male, waterline sealing			
	G	Gauge			
	S	Sealed Gauge			
	A	Absolute			
PT10SR-230	[0~200]kPa	E	22	B ₁ C ₁ A	the whole spec.

Notes

1. Please make sure the measured media shall be compactable with contacting material.
2. Pressure port can be customized for users. Please note in the purchase order.
3. If users have special requirement, please contact us freely.