

# MPM4891 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

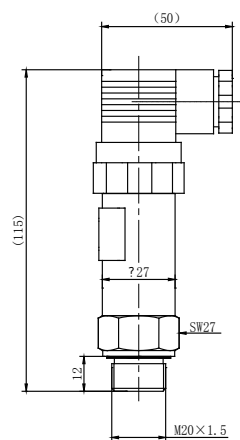
- Safe, reliable
- Short circuit protection and reversed polarity protection
- 2-wire current output
- Zero clearing function
- Segment LED display real-time pressure

## Introduction

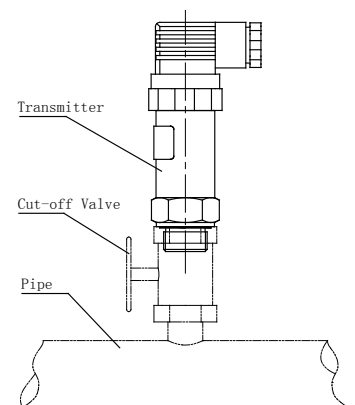
MPM4891 is a newly developed pressure transmitter with LED display board. The high stable pressure sensor and high performance specialized processing circuit are mounted in stainless steel housing. It is stable and reliable. MPM4891 can be widely used for liquid pressure measurement in petroleum, power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

## Outline Construction and Installation

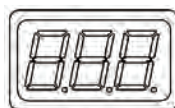
Outline Construction(Unit:mm):



Installation:

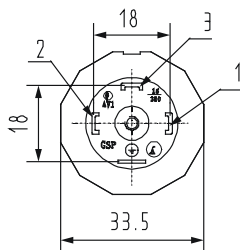


Display:



## Electrical Connection

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



## Order Guide

MPM4891		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 <sub>1</sub>		Plug connection			
C <sub>1</sub>		M20×1.5 male, face sealing			
C <sub>3</sub>		G1/2 male			
C <sub>5</sub>		M20×1.5male, waterline sealing			
G		Gauge			
S		Sealed Gauge			
A		Absolute			
MPM4891	[0~200]kPa	E	22	B <sub>1</sub> C <sub>1</sub> 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.