

Datasheet

Pressure Transmitter

PM356

PM356 Series pressure transmitter is kind of device based on pressure layer, which inside expert integrate circuit can transform sensor milli-volt signal to standard far distance transmission current signal, and it can be directly joined with computer joint clip, control instrument ,aptitude instrument or PLC etc. conveniently.

Applications

- Industrial process control
- Petroleum industry
- Chemical industry
- Paper industry
- Metallurgy



Features

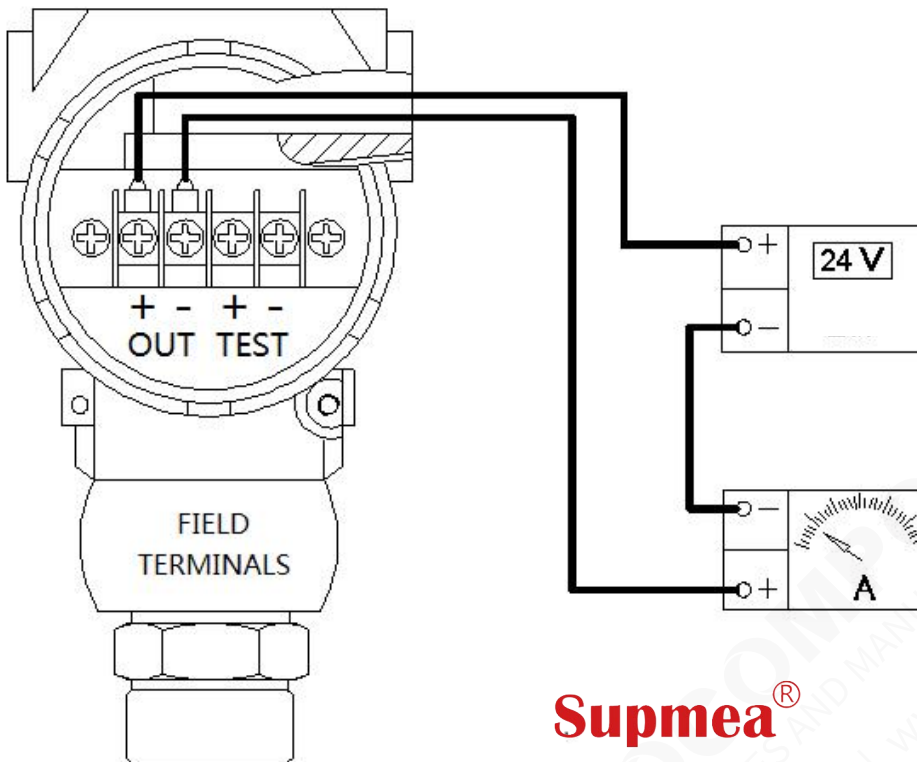
- The physical volume small, the weight is light.
- Work in the causticity environment.
- Ingress protection up to IP65.
- The whole stainless steel seals completely the structure,have the very high anti- to flap to pound at the function with anti.

Pressure Transmitter

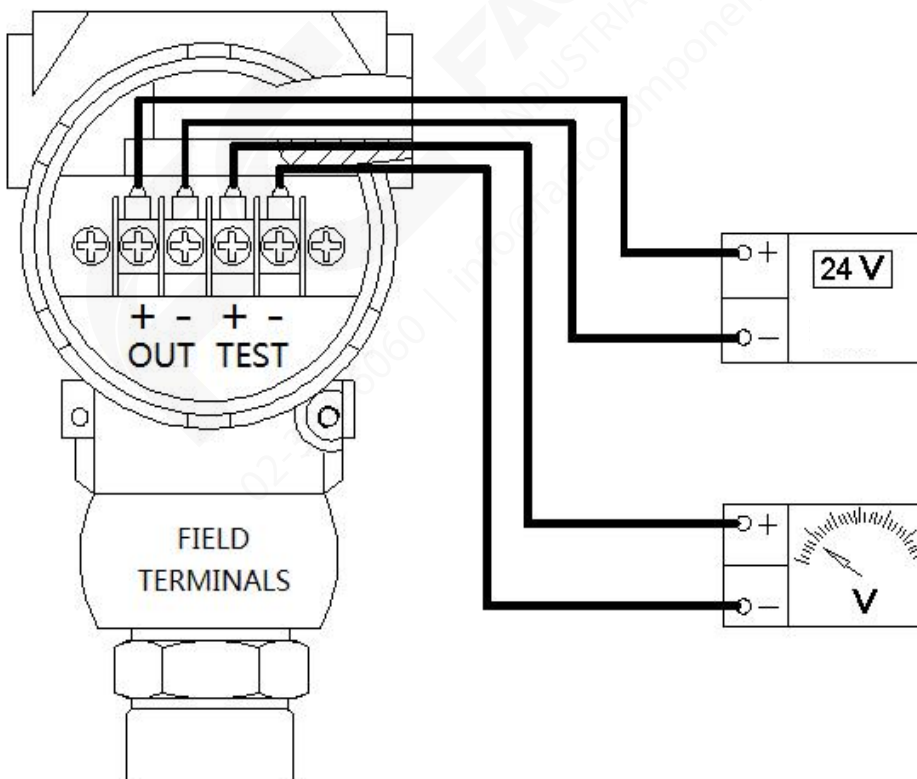
Parameters	
Power Supply	12V~32V (4~20) mA , with display)
	10V~32V (4~20) mA+RS485, with display)
	9V~32V (4~20) mA, without display)
Output	(4~20)mA;(1~5)V;(0~10)V;(0~5)V;RS485
Accuracy	0.2%、0.25%、0.5%
Measurement range	-0.1...0...60Mpa
Pressure type	Gauge pressure, adiabatic pressure and sealed pressure
Compensation temperature	-10℃~70℃
Working temperature	-20℃~85℃
Medium temperature	-20℃~85℃
Storage temperature	-40℃~85℃
Zero-point temperature drift	±0.3%FS/10℃
Sensitivity temperature drift	±0.3%FS/10℃
Overload pressure	(0.035~10)MPa (150%FS) ; (10~60)MPa (125%FS)
Long-term stability	±0.2%FS/year
Response time	RS485 output≤100ms (up to 90%FS)
	Current and Voltage output≤10ms (up to 90%FS)
Insulation	20MΩ/250VDC
Ingress protection	IP65
Load Resistance	(U-9V)/0.02A

Wiring

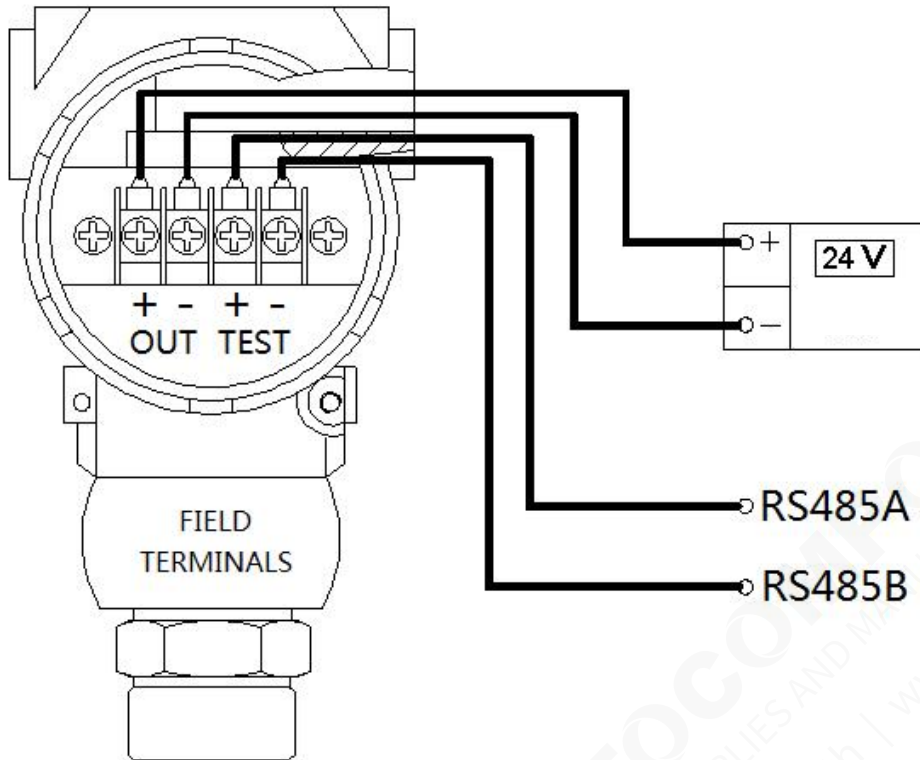
■ Current output



■ Voltage output

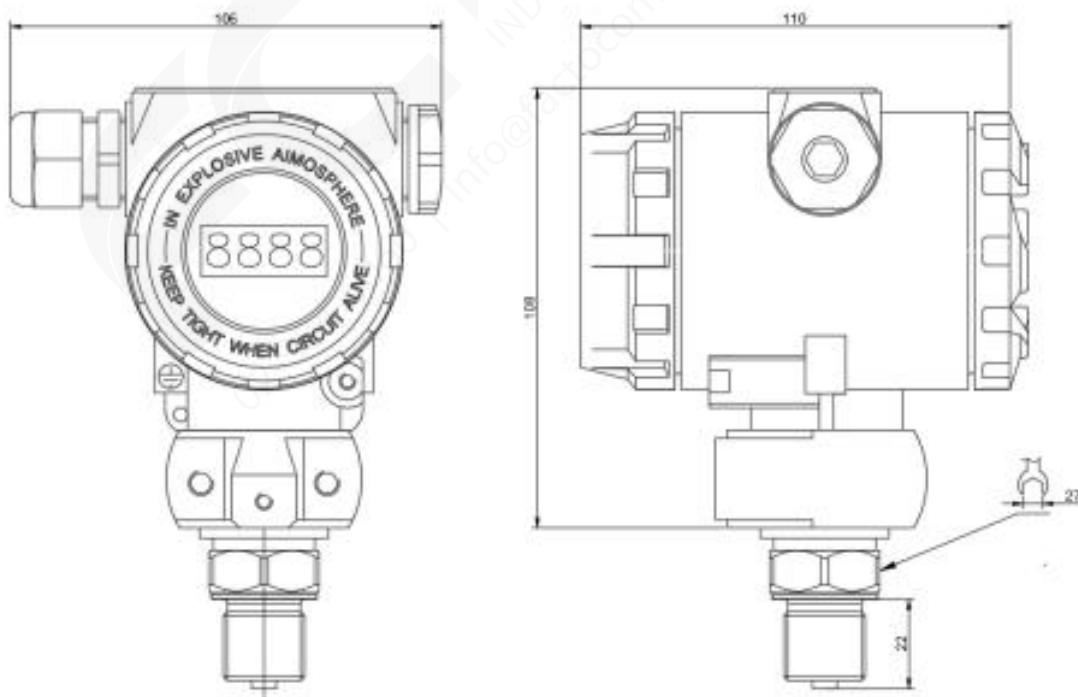


■ RS485 output



Dimension

■ PM356 with display



Ordering code

PM356-G-1A-F-A1-L2-A-W1												Description
PM356	-	-	-	-	-	-	-	-	-	-	-	
Pressure Type	G											Gauge pressure
	A											Adiabatic pressure (0-30kPa to 1MPa only)
Measuring range	1A											-100-0kPa
	1B											-100-100kPa
	1C											-100-1000kPa
	1L											0-10kPa
	1M											0-20kPa
	1N											0-30kPa
	1Q											0-50kPa
	1S											0-100kPa
	2A											0-0.6MPa
	2B											0-1MPa
	2C											0-1.6MPa
	2D											0-2.5MPa
	2E											0-4MPa
	2H											0-10MPa
	2K											0-20MPa
	2L											0-25MPa
	2M											0-30MPa
	2N											0-40MPa
	2P											0-60MPa
	XX											Other
Accuracy		K										0.5 Class
		G										0.25 Class
		F										<100kPa not selectable
Output and Power Supply			A1									0.2 Class
			A2									<100kPa not selectable
			A3									Two-Wire 4-20mA
			A4									1-5V,24VDC
			A5									0-10V,24VDC
			A9									0-5V,24VDC
			XX									RS485,24VDC
												4-20mA+RS485,24VDC
												Other
												0piece (Recommended temperature 80℃)

Radiating Fin	3					3piece (Recommended temperature 80℃)
	5					5piece (Recommended temperature 80℃)
	7					7piece (Recommended temperature 80℃)
	X					Other
Thread Type	L2					M20×1.5
	G2					G1/2
	G1					G1/4
	NA					NPT1/4
	NC					NPT1/2
	L3					M27×2
	L1					M14×1.5
	AK					Clamp×2
	XX					Other
		A				SS316L,304SS
Diaphragm and Thread Type Material		B				SS316L,SS316L
		X				Other
Electrical Interface, Housing Material, and Ingress Protection			W1			M20×1.5 Cable Gland,Aluminum Alloy, IP65
Display type				0		No
				1		Yes