

Construction machinery industry pressure transmitter



- **Product Type** : CS-PT830
- **Product Price** :
- **Measuring range** : 0~5MPa.....80MPa
- **Applications** : Process machinery, energy, transportation, marine oil

Technical parameters

Parameters	Value		Note
Measure Range	0~5MPa.....80MPa		1MPa=10bar 1bar≈14.5PSI 1PSI=6.8965kPa 1kgf/cm ² =1atm 1atm=98kPa
Overload Pressure	2×RP (rated pressure)		
Broken Pressure	10×RP (rated pressure)		
Accuracy	±0.5%F.S		
Stability	Typical 0.2%F.S		
Operate Temperature	-40℃~150℃		
Compensation Temperature	-20℃~120℃		
Media Compatibility	Corrosive medium compatible with Cr18Ni9Ti		
Wire	Two-wire	Three-wire	

Output Signal	4~20mA	1~5V	0.5~4.5V	
Power Supply	10~30Vdc	8~30Vdc	5V(ratio)	
Load Resistance	(U-10)/0.02(Ω)		> 100k Ω	
Insulation			> 100M Ω @50V	
Electric strength			500V@60 second	
Vibration / Shock			10g/5~2000Hz, axes X/Y/Z20g sine 11ms	
Durable pressure			1×10 ⁸ Pressure cycles@25°C	
Electrical connection			Hatch Mann, air plug, fixed line sets outlet, waterproof outlet	
Pressure Port			M20×1.5、 G1/4、 G1/2、 R1/2、 NPT1/2	
Pressure Form		Gauge G	Response Time : 10ms	
EMC			EMI: EN50081-1/-2; EMS: EN50082-2	