

EST330S High Temperature Pressure Transmitter

- ✓ Accuracy: $\pm 0.5\%$ F.S
- ✓ OEM, Un-standard order available
- ✓ Narrow Range: 0-125mbar
- ✓ High Temperature: -40~125℃
- ✓ Kinds of pressure range and signal output
- ✓ Kinds of connection and pressure port

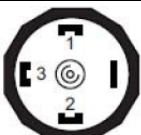

Applications

Fuel station | Gas dispenser | Refrigerator hydraulic lubricating | Pressure instrument | Energy and water treatment | Automatic detecting system

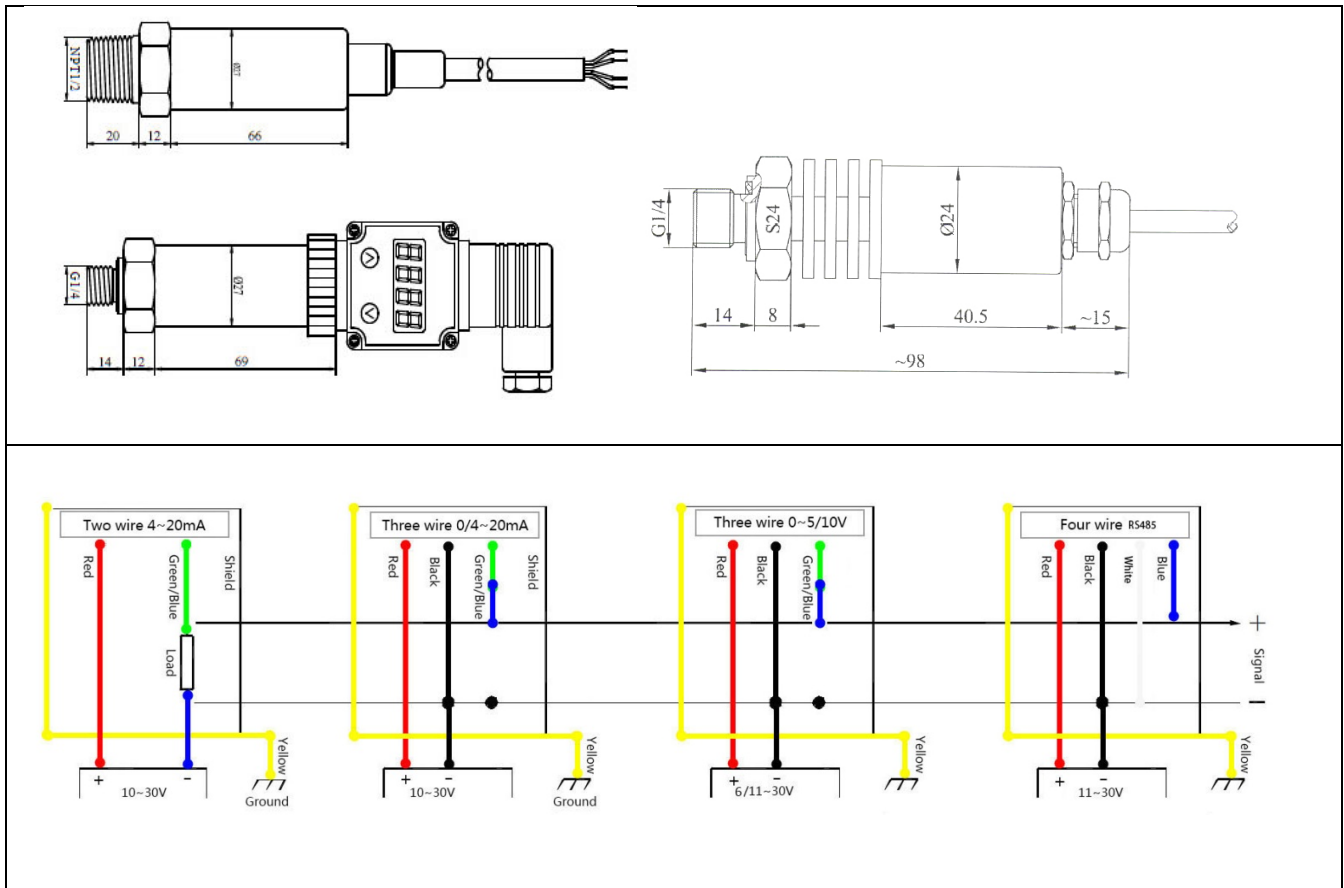
Product Introduction

EST330S High Temperature Pressure Transmitter adopt the German sensor which has very table and advanced performance even temperature reach to 130 ℃, the design of compact size is much rugged and light weight which can save installation space. Excellent sensor performance guarantees the range of EST330S can be 0-125mbar and 0-400mbar, and the accuracy is 0.5%/F.S.

Electrical Connections and Dimensional Drawings

DIN 43650 HSM		Cable outlet	
	U+ / I+ = 1		U+ / I+ = Red
	U- / I- = 2		U- / I- = Black
	S+ = 3		S+ = Green / Blue
	Shield = 4 / Housing		Shield = Housing / Yellow





Specifications

Measuring Range	0-125mbar; 0-400mbar			Medium compatibility	Corrosive medium compatible with 1Cr18Ni9Ti
Overload pressure	1.5 times of rated pressure			Insulation	>100MΩ@100Vdc
Burst Pressure	3 times of rated pressure			Electric Strength	500V@60second
Accuracy	±0.5%F.S (at 25 ℃)			Electrical Connections	HSM. DIN43650, Protection IP65/ Cable outlet, Protection IP68
Stability	0.25%F.S/Y, 0.4%F.S/Ymax			Process connection	NPT½; NPT¼; BSP ½”; BSP ¼”;
Working temperature	-40～85℃, (-40～125℃ with radiator)			Response Time	10ms
Seal material	NBR O-Ring default; EPDM			EMC	EMI: EN50081-1/-2; EMS: EN50082-2
Electrical parameters	Two wire	Three wire			
Output Signal	4~20mA	0~10Vdc	0~5V		
			1~5V/6V		
Power supply	8~28Vdc	13~28Vdc	8~28Vdc		
Load resistance	(U-8)/0.023(Ω)	Voltage type: >10K Ω			
1MPa=10bar; 1bar≈14.5PSI; 1PSI=6.8965kPa; 1kqf/cm2=1atm; 1atm≈98kPa					

1MPa=10bar; 1bar \approx 14.5PSI; 1PSI=6.8965kPa; 1kgf/cm²=1atm; 1atm \approx 98kPa

Ordering Procedure

EST	Piezoresistive Pressure Transmitter									
	Code		Model							
	330S		Universal (without display)							
	330SD		Display (4LCD)							
	Cod		Span							
	1		0-125mbar							
	2		0-400mbar							
	Code		Output Type							
	A		4~20mA							
	V		0~5V							
	V1		0~10V							
	V05		1~5V							
	V2		1~6V							
	Code		Precision							
	0.25		±0.25%F.S							
	0.5		±0.5%F.S							
	Code		Power Supply							
	DC8		8~28Vdc							
	DC13		13~28Vdc							
	Code		Process connection							
	M		M20 x 1.5							
	G2		G1/2							
	R2		R1/2							
	N2		NPT1/2							
	B12		BSP ½"							
	Code		Electrical Connections							
	D		DIN43650-A							
	C		Cable Electrical Connection							
	H		HSM							
	Code		Cable length XXm=... m							
	Code		Packing							
	Bb		Bubble bag							
Foa		Plastics foam								
EST	330S	1	A	0.25	DC8	B12	C	1.5	Bb	