

EST3607CAN Fieldbus Pressure Transmitter

- ✓ Pressure type: Gauge/Seal gauge Pressure
- ✓ CAN fieldbus output
- ✓ Range 0~2MPa...60MPa
- ✓ Accuracy: $\pm 0.25\%$ F.S
- ✓ Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- ✓ Communication distance: 10Km
- ✓ OEM: Available



Applications

Hydrologic monitoring | Constant pressure water supply |
Tailwater elevation | Wastewater treatment | Frequency water supply |

Product Introduction

EST3607 line features high reliability, stability and accuracy. The product is widely used for the measurements of gas and liquid, such as water and oil. With built-in CAN fieldbus controller and transceiver, EST3607 enables CANBUS-based two-way communication. The longest communication distance is up to 10km, and the communication rate is up to 1Mbps.

Specifications

Measuring Range	0~2MPa...60MPa	Working current:	<70mA
Overload pressure	1.5 times of rated pressure	Power supply	10~30Vdc
Burst Pressure	3 times of rated pressure $\pm 0.5/55^{\circ}\text{C}$; Note temperature effect error is doubled at range 3; the error for analog model is doubled	Communication distance:	10km max
Accuracy	$\pm 0.25\%$ F.S	Communication rate:	1Mbps max
Stability	0.25%F.S/Y, 0.5%F.S/Ymax	Electrical connection	DIN43650
Working temperature	$-25 \sim 85^{\circ}\text{C}$	Pressure connection	M20 x 1.5, G1/4, G1/2, R1/2, NPT1/2
Compensation temperature	$-40 \sim 85^{\circ}\text{C}$	Pressure type	gage pressure (G), seal gage pressure(S)
Medium compatibility	All 1Cr18Ni9Ti-compatible corrosive mediums	Standards	Meet the standards of CAN2.0A and CAN2.0B
Ingress Protection	IP65	Protocols	CANOpen Protocol

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