

EST3607CAN Fieldbus Pressure Transmitter

- ✓ Pressure type: Gauge/Seal Gauge Pressure
- ✓ CAN Fieldbus output
- ✓ Range 0~2MPa...100MPa
- ✓ Accuracy: $\pm 0.25\%F.S/0.5\%/FS$
- ✓ Operating temperature: $-40^{\circ}C \sim 85^{\circ}C$
- ✓ 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 a 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.

Electrical /Process Connections

Electrical connection				
DIN43650-C		M12X4P		Cable outlet
Wire	CAN		Wires	CAN
1	Power (U+)		1	Power (U+)
2	GND		2	CANH
3	CANH		3	GND
≡	CANL		4	CANL
				Wires
				Red
				Black
				Green
				White
				CAN
				CAN
				CAN
				CANL
				CANL
				CANL
Packard	M12X4P	Cable outlet	DIN43650-C	GX12-
C1	C2	C3	C4	C5

General Instruction and Datasheet

Measuring your business

EST3607 GID-3-EV03

Current	Voltage	Curren	Voltag	I2C	Current	Voltage	Current	Voltage	Current	Voltage
2-wire	3-wire	2-wire	3-wire	4-	2-wire	3-wire	2-wire	3-wire	2-wire	3-wire
Process connection										

Specifications

Range	0...0.07~0...100 bar; Gauge/Sealed		Response Time	(10%~90%)≤10ms
Output	CAN 2.0/; CANOPEN Protocol / DS301v		Over-pressure	≥150%F.S
Power Supply	(5±0.25) VDC	10VDC~30VDC	Burst-pressure	≥200%F.S, 1000 bar (max)
Working Current	≤ 30mA	≤ 30mA	Process Connection	G1/4, 7/16-20UNF-2B-
Voltage	12VDC	30VDC	Electrical Connection	DIN43650-C,M12 ×1, Water-
Inverse Voltage	12VDC	-30VDC	O-Ring for wetted part	NBR; FKM
Accuracy @25C	±0.5%F.S (default), ±0.25%(optional)		MOC/Housing	SS304; SS316L
Temp. Compensation	0°C~50°C		Insulation Resistance	≥100MΩ@100VDC
Working Temp.	-30°C~80°C, -10°C~70°C(Cable)		Vibration	10g, 5~2000Hz
Medium Temp.	-30~120°C		Shock	20g, 11ms Half sine
Storage Temp.	-40°C~85°C, -20°C~85°C(Cable)		Ingress Protection	≥IP65
Long-term Stability	±0.25%FS/Y			
1MPa=10bar; 1bar≈14.5PSI; 1PSI=6.8965kPa; 1kgf/cm2=1atm; 1atm≈98kPa				

Ordering Procedure

EST	Pressure transducer for air compressor industry	
	Code	Model
	3607	A/B/C
	Cod	Span
	X	0~X bar
	Code	Output Type
	CAN	CAN
	Code	Precision
	05	±0.5%F.S
	02	±0.25%F.S
	Code	Power Supply
	DC10	10~30 Vdc
	DC5	(5±0.25) VDC
	Code	Pressure connections
	G	G1/4
	N	NPT1/4
	U	7/16-20UNF -22B
	M	M20x1.5
	G2	G1/2
	Code	Electrical Connections

General Instruction and Datasheet

Measuring your business

EST3607 GID-3-EV03

								H	DIN43650C	
								GX	GX12-3	
								C	Wire jacket protection	
								CW	Waterproof cable conduit connections	
								P	Packard	
									Code	Cable length XXm=... m
									Code	Packing
									Bb	Bubble bag
									Foa	Plastics foam
EST	3607	100bar	CAN	05	DC10	G	H	1.5m	Bb	