



TSA
TRANSDUCER SENSORS AUSTRALIA



**12 MONTH
WARRANTY**

CANOPEN **Pressure** **Transmitter** **TSA-607PT**

FEATURES:

- Accuracy: $\pm 0.25\%$ F.S
- OEM priced design
- Multiple range options
- CAN bus output signal

APPLICATION:

- Hydraulics
- Mobile Machinery
- Automotive
- Rail



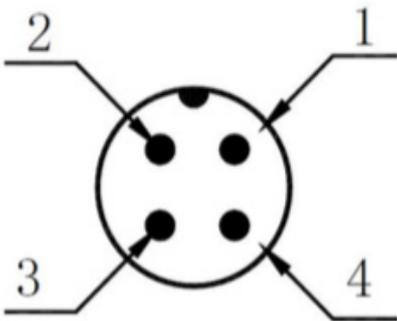
Specifications

Description

The TSA-607PT Series is a state of the art range of digital output pressure transducers featuring a CANbus serial communications interface. High reliability, high stability, it's widely used in the gas, hydraulic pressure applications.

Communication software is based on the CANopen protocol. Capable of operation from a range of supply voltages. The farthest communication distance could reach 10KM, highest communication rate could reach to 1Mbps.

Electrical Connection



Pin Definition:

1	VIN+	Red
2	VIN-	Blue
3	CANH	White
⊕	CANL	Black



Technical Parameters

Name	Value	Remark
Measurement range	0....600bar	
Test pressure	1.5* pressure range	
Burst pressure	3.0* pressure range	
Working current	<70mA	
Compensated temperature	-25°C~85°C	
Operating temperature	- 40°C~85°C	
Protection rate	IP65	
Communication distance	Farthest 10Km	
Power supply	10-30Vdc	
Communication rate	1 Mbps	
Electrical connection	M12, 4 Pin, "A" coded	
Pressure Form	Gauge, Absolute	
Pressure Port	1/4" : BSPP, others on request	
Specification support	CAN 2.0A and CAN 2.0B	
Protocol support	CAN open protocol	

Order Details

TSA-607PT-0100AB-MCAN
100bar; 1/4" BSPP; CANopen; 0.25% Acc
TSA-607PT-0300AB-MCAN
300bar; 1/4" BSPP; CANopen; 0.25% Acc
TSA-607PT-0400AB-MCAN
400bar; 1/4" BSPP; CANopen; 0.25% Acc
TSA-607PT-0600AB-MCAN
600bar; 1/4" BSPP; CANopen; 0.25% Acc

Plug Leads

Harting 21033192501
M12-S4FA-5M-PVC
M12-S4FA-3M-PUR

Dimensions

