

Description

The SPT series adopts diffused silicon or ceramic piezoresistive sensor chip, with compact configuration, easy to install, and a special valve pin design for lead pressure port, excellent electrical performance and long-term stability, make it the ideal choice for air-conditioning and refrigeration pressure measuring and controlling. This series is a direct replacement to OEM pressure transducers.

Applications

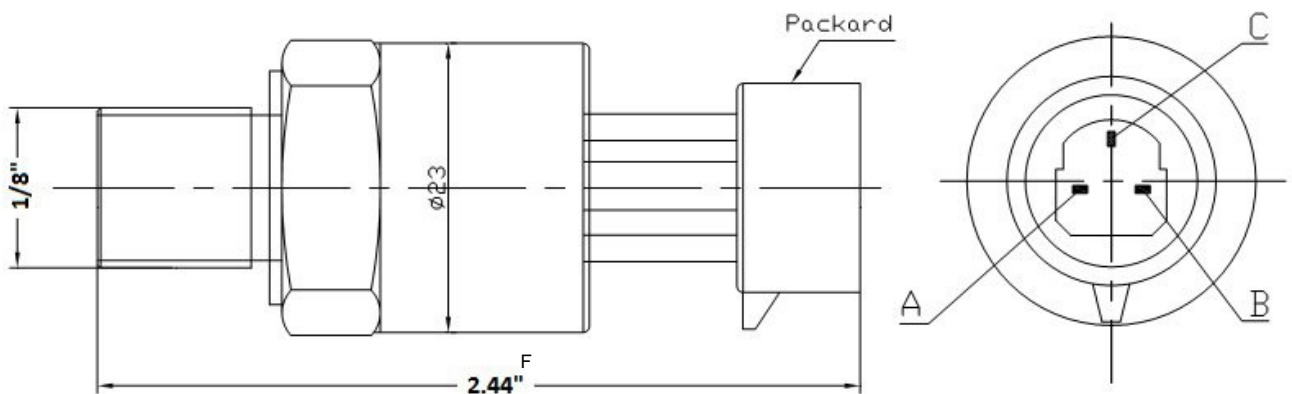
- ◆ Laboratory test apparatus
- ◆ Agricultural chemical equipment
- ◆ Refrigeration and HVAC systems
- ◆ Hydraulic system
- ◆ Gas tank pressure monitoring
- ◆ Coolant pressure

Features

- ◆ Superior long term stability
- ◆ Temperature compensated over wide range
- ◆ Low power consumption
- ◆ Excellent repeatability/Hysteresis
- ◆ Custom OEM options



Dimensions



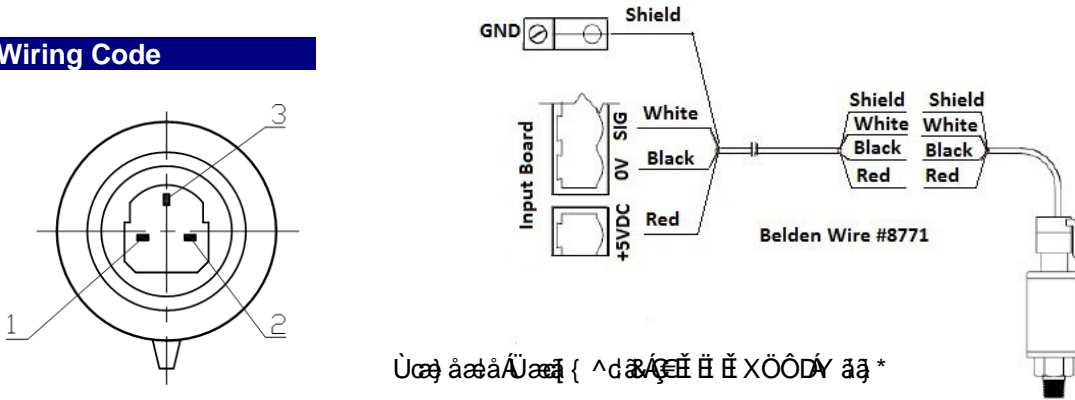
FUCS/AGI Ä @} Ä • ä * ÄÉ XÖÖ/Ä] ~ Ä ä } æ

Pressure Transducer

Specification

Range:	0 to 870 PSI
Accuracy:	1%FS
Linear:	0.02%FS
Reliability:	0.05%FS
Output:	0.5-4.5VDC, 1-5VDC
Input Voltage:	24V (5-36VDC)
Operation Temperature:	-10°C~125°C (14 F - 257 F)
Compensation Temperature:	-10~70°C (14 F - 338 F) (Standard compensation)
Over Pressure:	150%FS
Housing material:	316L SS
Electric Connection:	Packard connector
Process Connection:	1/4NPT, 1/8NPT (Standard)

Wiring Code



Signal Output	4-20mA (2 Wires)		0.5-4.5VDC, 1-5VDC	
Wiring Code	1	Input (Red)	1	Input (Red)
	2	Output (Black)	2	Common (Black)
	3	None	3	Output (Blue, White or Green)
Connecting Cable: CAB-6M (20FT). Standard for Direct Cable (6M)				

Ordering Guide

Model	Range (PSI)	Output (VDC)	Process Connection	Electric Connection	Other requirement
SPT4P200A	0-200	0.5-4.5	1/8"NPT	Packard	

F YUJ`9 bYf[m7 cbffc`GmgHYa g`bW

48 Enfield Drive
 Cambridge, ON N1P 1A4
 Tel: (519) 242-9215 Fax: (888) 282-1914
 E-mail: sales@recs.ca
 www.recs.ca

