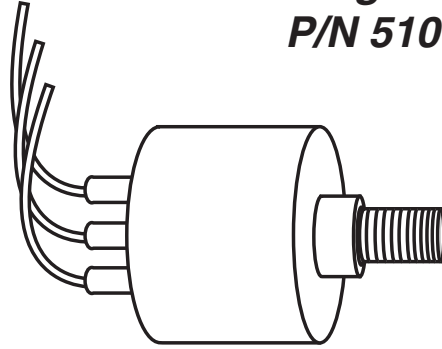


SPECIFICATION - Peripherals

Refrigeration Pressure Transducers

P/N 510010 (100#) & 510023 (400#)



Description

The Quest pressure sensors are media compatible pressure transducers designed specifically to meet the needs and requirements of the refrigeration and energy management industries. The transducers feature a molded Ultem 2300 housing and vibration dampening which protects the electronics from harsh environmental factors often encountered in monitoring refrigeration equipment. Their durable construction makes them a reliable versatile and cost effective transducer.

Specification

Part Number:	510010 (100#) & 510023 (400#)
Pressure Range:	1-100 psig, 0-400 psig
Output Voltage:	1-6 VDC 1-5 VDC
Supply Voltage:	9-28 VDC, with reverse polarity and transient protection standard
Ambient Temperature	
Operating Range:	-40° to 185°F (-40° to 85°C)
Load Impedance:	2K ohms minimum
Bourdon Tube:	Beryllium copper
Burst Pressure:	950 psig
Pressure Connection:	118-27 ANPT
Housing:	Molded Ultem 2300
Electrical Connection:	Three wire pigtail RED = VDC supply BLACK = Ground WHITE = Output
Accuracy:	@ 25°C ±2% of span Includes: linearity, hysteresis and repeatability
Temperature Effects:	.033% per C typical on zero and span (when operated within ambient operating range)
Vibration Dampened.	
Warranty:	One (1) year

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