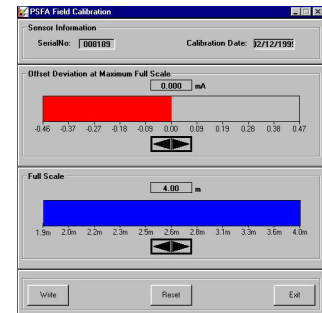


Rerangeable Pressure Sensor - PS225

The Greenspan Pressure sensor PS225 features windows based software that allows users to rerange their sensor to suit different applications. The instrument is packaged in a durable, robust, Delrin or Stainless Steel housing fully sealed against moisture penetration and is hardwired to either vented or non vented cable.

The transducer is a ceramic based capacitive element and is supplied in a variety of standard ranges. Greenspan can supply a copper sensor nose cone which inhibits biological growth on the sensor measuring element.



Specifications

Standard Ranges Available	0-3m 0-5m 0-10m 0-20m 0-25m 0-35m 0-70m
Operating Temperature	0-50°C (compensated)
Accuracy	
* Combined linearity, hysteresis and repeatability	± 0.2% FS
* Temperature stability	± 0.003%/°C FS (referenced to 25°C)
Supply Voltage	8-27 VDC Reverse polarity protected Surge protected to 2kV
Quiescent Current	15mA
Warm up time to stable reading	6 secs
Output	4-20mA (3 wire) 0-1V, 0-2.5V
Dimensions	Length 310mm SS body 45mm OD Delrin body 47mm OD
Wetted Materials	316 Stainless steel, Delrin
Output Load (min-max)	0-500 ohms at 14V 0-400 ohms at 12V
Storage Temperature	-20 to +60°C



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