



Helm Instrument Company, Inc.
361 West Dussel Drive
Maumee, Ohio 43537 USA
419/ 893-4356
Fax: 419/ 893-1371
www.helminstrument.com

HM-1756-SGI-WM SPECIFICATIONS

Backplane Power Consumption	24V @ 84.99mA 5V @ 40mA
Type of input	Strain Gage (350 ohm, 700 ohm)
Input Impedance	10k
Display Resolution	Up to .0025% of full scale
Overall Module Accuracy	.01% of full scale
Number of Channels	2 (isolated)
Module Update Time	1 millisecond
A/D Conversion Method	Successive Approximation - 18 bit
Normal Mode Rejection: (between +/- input)	116DB CMRR
Amplifier Bandwidth	200 kHz
Calibration	Software Selectable
Isolation	500 VDC continuous between inputs and chassis ground, and between input and backplane
Operating Temperatures	0°C to 60°C (32°F to 140°F)
Hazardous Environment Classification	Class 1 Division 2 Hazardous Environment