

Gauging - Piezo Vacuum Display & Sensors



HPS-760S Sensor

Specification	Model HPM 760 S
View Product Bulletins for Ordering Codes	Find Ordering Codes On last page
Manuals	760 Quick Start
Drawings	-
Gauge/Meter	THPS 760
Vacuum Range	0.1 Torr - 1000 Torr
Accuracy	+/- .25% of full scale up to 760 Torr
Resolution	0.1 Torr
Response Time	< 2 Seconds
Sensor Type	Piezo resistive (direct force method)
Fittings	1/8 'NPT (STD) KF-16 KF-25 VCR-4
Output	0-10 Volt (STD) 0-5 Volt 2-10 mAmp 4-20 mAmp
Bake out Temp	200 C with electronics removed
Operating Temperature	0-50 C
Leak Tested	10 ⁻⁸ sccs
Wetted materials	316 Stainless Steel
Dimensions	W - 1.496" H - 2.125" D - 1.496"
Weight (approx)	0.6 lbs

HPS-760 Display & Electronics

Specification	Model HPS 760 Display and Electronics
View Product Bulletins for Ordering Codes	Find Ordering Codes On last page
Manuals	HPM 760
Drawings	-
Vacuum Range	0.1 Torr - 1000 Torr
Display	4 1/2 digit LED
Control Set Points	Dual Relays 2A @240 VDC SPDT Form C
Output	0 -10 VDC - Std 0 -15 VDC - Optional
Power Cable	6 foot
Sensor Cable	8 feet (STD) 25 feet 50 feet 100 feet Custom lengths available
Connector	-
Power Supply	85-240 VAC input 24 VDC +/- 10% @ 30 mA output
Units	Torr
Dimensions	W - 3.78" H - 1.89" D - 4.80"
Weight (approx)	2 lbs

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Teledyne Hastings HPS 760 Features

- Exceptional stability, accuracy and reliability
- Range: 0.1 – 1,000 Torr
- Accurate Linear Analog Outputs
- Four analog output types to choose

Applications

- Automotive
- Corrosive Environments
- Mixed Gaseous Atmospheres

Ordering Information for Display & Electronics

Part Number	Description
THD760PLUS-1	Display, Electronics, with 1/8" NPT
THD760PLUS-2	Display, Electronics, with KF16
THD760PLUS-3	Display, Electronics, with KF25
THD760PLUS-4	Display, Electronics, with VCR4

Note A: 8 ft. cable is standard; 25 ft. and special lengths are available upon request.

Note B: 0-10 VDC output is needed to purchase display

Ordering Information for Gauge Tubes

Part Number	Description
THPS760S-01-A	Transducer, 0-1,000 Torr @ 0-5 VDC Linear Output, 1/8" NPT
THPS760S-01-B	Transducer, 0-1,000 Torr @ 0-5 VDC Linear Output, KF16
THPS760S-01-C	Transducer, 0-1,000 Torr @ 0-5 VDC Linear Output, KF25
THPS760S-01-D	Transducer, 0-1,000 Torr @ 0-5 VDC Linear Output, VCR-4
THPS760S-02-A	Transducer, 0-1,000 Torr @ 0-10 VDC Linear Output, 1/8" NPT
THPS760S-02-B	Transducer, 0-1,000 Torr @ 0-10 VDC Linear Output, KF16
THPS760S-02-C	Transducer, 0-1,000 Torr @ 0-10 VDC Linear Output, KF25
THPS760S-02-D	Transducer, 0-1,000 Torr @ 0-10 VDC Linear Output, VCR-4
THPS760S-03-A	Transducer, 0-1,000 Torr @ 0-10 VDC Linear Output, 1/8" NPT
THPS760S-03-B	Transducer, 0-1,000 Torr @ 2-10 mA Linear Output, KF16
THPS760S-03-C	Transducer, 0-1,000 Torr @ 2-10 mA Linear Output, KF25
THPS760S-03-D	Transducer, 0-1,000 Torr @ 2-10 mA Linear Output, VCR-4
THPS760S-04-A	Transducer, 0-1,000 Torr @ 4-20 mA Linear Output, 1/8" NPT
THPS760S-04-B	Transducer, 0-1,000 Torr @ 4-20 mA Linear Output, KF16
THPS760S-04-C	Transducer, 0-1,000 Torr @ 4-20 mA Linear Output, KF25
THPS760S-04-D	Transducer, 0-1,000 Torr @ 4-20 mA Linear Output, VCR-4