

## HOM Series :

- Pressure Ranges from 500 / 0-10mbar
- Durable, rugged stainless steel design
- Competitive price

The HOM Series offers the robust design with stainless steel housing of the HOT Series but uses a silicon based sensitive measuring cell for low pressure applications from 10 mbar to 500mbar.

With additional EMI / RFI protection, low static and thermal errors and high resistance to shock and vibration as standard, the HOM Series assures trouble free operation at temperatures up to °85C.



**HOM H 0004 F G C K**

<b>Model Name</b>	<b>HOM</b>	<b>H</b>	<b>0004</b>	<b>F</b>	<b>G</b>	<b>C</b>	<b>K</b>
							<b>Type of Pressure Measurement</b>
							K : Gauge
							<b>Connector</b>
							C : DIN EN 803 - 175301 Connector
<b>Output</b>							<b>Pressure Port</b>
H : 2 Wire 4 ~ 20 MA							L : NPT 1/4"
HC : 2 Wire 4 ~ 20 MA Compound							W: G 1/2"(Flush Diaphragm)
J : 3 Wire 0 ~ 10 V							G: G 1/4"(Normal Type)
JC : 3 Wire 0 ~ 10 V Compound							M: M18x1.5"(High Pressure)
F : 3 Wire 0 ~ 5 V							
<b>Pressure Range</b>							<b>Pressure Unit</b>
HOT Series : 0 ~ 600 Mbar , -1 ~ 1000 Bar							F : BAR
HOX Series : 0 ~ 2000 Bar							R : KPA
HOF Series : 0 ~ 200 Bar							P : PSI
HOM Series : 0 ~ 500 Mbar							
HOD Series : 0 ~ 4000 Bar							

## Performance :

### Performance :

Accuracy < +/-1.0% at RT  
 Stability (1 Year) < ± 0.15 %  
 Overrange pressure up to 2x rated pressure  
 Burst pressure up to 5x rated pressure  
 Pressure cycles > 10 million

## Environment :

Temperature °20- to °85C  
 Shock 1000 G, 11 msec., 2/1 Sine  
 Vibration 25 G peak, 20 to 2000 Hz  
 Sealing IP 66, optional IP69K

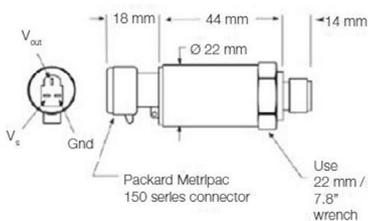
## Electronics :

Excitation 5 VDC for 4.5 – 0.5 V output,  
 32 - 10 VDC for 5 - 0 V, 5 - 1 V, 20...4 mA output  
 32 - 12 VDC for 10 – 0V output  
 Output impedance < 100 Ω  
 Current consumption < 10 mA  
 Reverse voltage protection Yes

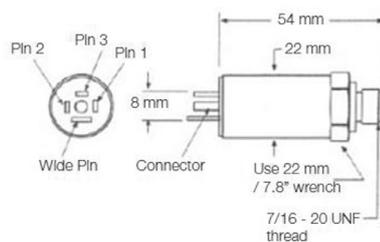
## Mechanics :

Housing incl. wetted parts Silicon, Aluminium,  
 304 stainless steel  
 Pressure port see select table  
 Electrical connection see select table  
 Weight ca. 60 g

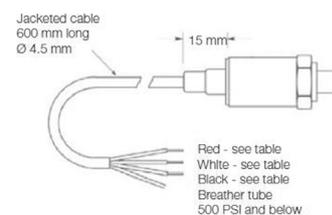
## Dimensions :



Packard Metrifax connector



DIN EN 175301-803 connector



## Wiring :

Type	Output	PIN 1	PIN 2	PIN 3	PIN 4
DIN EN 175301- 803-A and C	0,5 - 4,5V , 1 - 5 V , 0 - 10 V	+ Supply	- Supply	Output +	-
	4..20mA	+ Supply	Current output -	N/A	-
Round connector M12x1 B	0,5 - 4,5V , 1 - 5 V , 0 - 10 V	+ Supply	N/A	- Supply	Output +
	4..20mA	+ Supply	N/A	Current output -	N/A
	Output	PIN A	PIN B	PIN C	-
Packard Metripac	0,5 - 4,5V , 1 - 5 V , 0 - 10 V	- Supply	+ Supply	Output +	-
	4..20mA	Current output -	+ Supply	N/A	-
	Output	Red	Black	White	-
Cable assembly	0,5 - 4,5V , 1 - 5 V , 0 - 10 V	+ Supply	- Supply	Output +	-
	4..20mA	+ Supply	Current output -	N/A	-