



1. Optional Block



## Description & Features:

- Extremely rugged device
- 316 grade stainless steel construction, durable and compatible with all systems
- $\pm 0.5\%$  accuracy
- NEMA 4X rating
- Pressure range up to 15,000 psi
- 1 year warranty

## Applications:

- Highly viscous environments (i.e. food, pharmaceutical, etc.) that require accurate readings

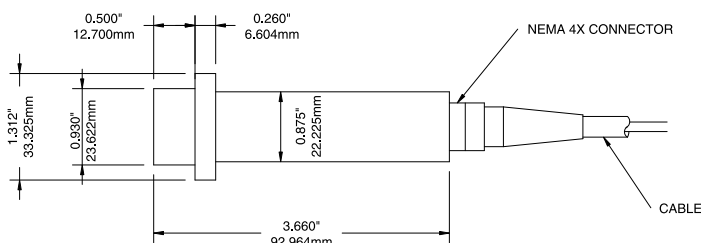
## Specifications

|                                           |                                                                                                               |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Electrical Output Signal</b>           | 4-20mA, 2-wire standard<br>0.5-4.5 VDC, 0.5-5.5 VDC, 1-6 VDC available in 3-wire<br>(Other outputs available) |
| <b>Electrical Connector</b>               | 10 ft (3m) cable (other lengths available)                                                                    |
| <b>Excitation Voltage</b>                 | 8-38 VDC                                                                                                      |
| <b>Wetted Parts/Connection</b>            | 15-5 PH 316L SS, two bolt homogenizer yoke-type block                                                         |
| <b>Housing</b>                            | 316L SS                                                                                                       |
| <b>Enclosure Rating</b>                   | IP65                                                                                                          |
| <b>Proof Pressure</b>                     | 2x full scale ( max. 22,500 psi)                                                                              |
| <b>Burst Pressure</b>                     | 5x full scale ( max. 23,000 psi)                                                                              |
| <b>Normal Operating Temperature Range</b> | -40°F to 170°F (-40°C to 76°C)                                                                                |
| <b>Compensated Temperature Range</b>      | -40°F to 170°F (-40°C to 76°C)                                                                                |
| <b>Temperature Effect Range Zero/Span</b> | Less than $\pm 1.5\%$ FSO per 100°F (37.7°C)                                                                  |
| <b>Response Time</b>                      | Less than 5ms                                                                                                 |
| <b>Accuracy</b>                           | $\pm 0.5\%$ of full scale                                                                                     |
| <b>Long Term Stability</b>                | Less than $\pm 0.25\%$ FSO per annum                                                                          |
| <b>Weight</b>                             | 4 oz. (113g)                                                                                                  |

## Order Codes

| Range        | Code     |
|--------------|----------|
| 0-100 psi    | LHT100   |
| 0-150 psi    | LHT150   |
| 0-200 psi    | LHT200   |
| 0-300 psi    | LHT300   |
| 0-500 psi    | LHT500   |
| 0-750 psi    | LHT750   |
| 0-1,000 psi  | LHT1000  |
| 0-1,500 psi  | LHT1500  |
| 0-2,000 psi  | LHT2000  |
| 0-3,000 psi  | LHT3000  |
| 0-5,000 psi  | LHT5000  |
| 0-7,500 psi  | LHT7500  |
| 0-10,000 psi | LHT10000 |
| 0-15,000 psi | LHT15000 |

Note: Other outputs, ranges and options available upon request  
If block (yoke) connector is required - add the suffix "BL" to the above codes (e.g. LHT5000BL)



| Wire Lead |              |                    |                    |
|-----------|--------------|--------------------|--------------------|
| Wiring    | Colour Code  | V                  | mA                 |
| 1         | Red          | +Excitation.       | +Excitation/Signal |
| 2         | Black        | -Excitation/Signal | -Excitation/Signal |
| 3         | Green        | +Signal            | NC                 |
| Grnd.     | Shield/White | Gnd                | Gnd                |