

# HT Series

## HOMOGENIZER TRANSMITTER



### Description

Winters HT Homogenizer Transmitter is an extremely rugged device that is best utilized in applications that requires an accurate reading in highly viscous environments (i.e. food, pharmaceutical, etc.) Its 316 grade stainless steel construction makes it very durable and compatible with all systems. The HT is very accurate with a level of  $\pm 0.5\%$ . The HT has a NEMA 4X rating and has a pressure range up to 0-15000 psi.

### How to order: Specify product code PRODUCT CODES

Range*	Code	Range*	Code
0-100 psi	HT100	0-1500 psi	HT1500
0-150 psi	HT150	0-2000 psi	HT2000
0-200 psi	HT200	0-3000 psi	HT3000
0-300 psi	HT300	0-5000 psi	HT5000
0-500 psi	HT500	0-7500 psi	HT7500
0-750 psi	HT750	0-10000 psi	HT10000
0-1000 psi	HT1000	0-15000 psi	HT15000

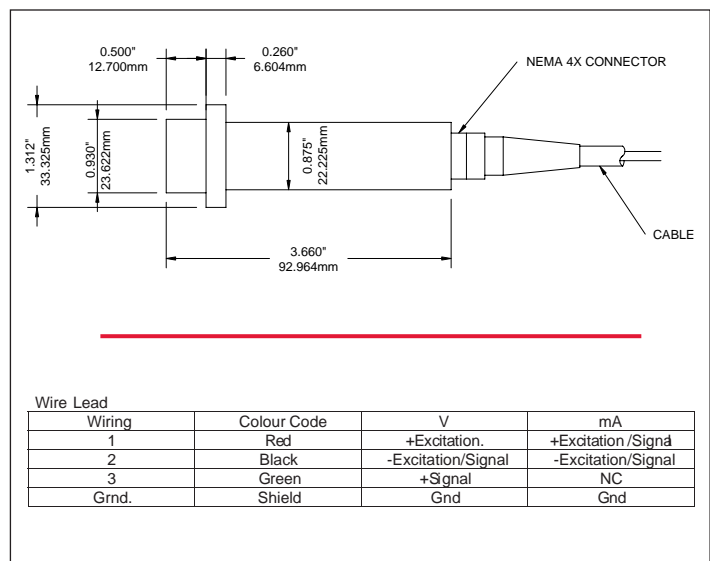
### Specifications

<b>Electrical Output:</b>	4-20mA, 2 wire standard 0.5-4.5 Vdc, 0.5-5.5 Vdc, 1-6 Vdc available 3 wire (other outputs available)
<b>Electrical Connector:</b>	10 ft (3m)/6 conductor cable
<b>Excitation Voltage:</b>	8-38 Vdc
<b>Protection:</b>	IP65
<b>Wetted Parts/Connection:</b>	15-5 PH 316L stainless steel, two bolt homogenizer yoke-type block
<b>Housing:</b>	316L stainless steel
<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 Temp. Range:</b>	-40°F-170°F (-40°C-76°C)
<b>Compensated Temperature Range:</b>	-40°F-170°F (-40°C-76°C)
<b>Temperature Effect on Zero:</b>	Less than $\pm 1.5\%$ FSO per 100°F (37.7°C)
<b>Temperature Effect on Span:</b>	Less than $\pm 1.5\%$ FSO per 100°F (37.7°C)
<b>Response Time:</b>	Less than 5mS
<b>Accuracy:</b>	$\pm 0.5\%$ full scale
<b>Long Term. Stability:</b>	Less than $\pm 0.25\%$ FSO per annum
<b>Weight:</b>	4 oz. (113g)

\* Calibrated in psi. Other ranges (e.g. kPa, bar, etc) available upon request.

If block (yoke) connector is required - Add the suffix "BL" to the above codes (e.g. HT5000BL with block)

### Other outputs & options available



Wire Lead

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



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