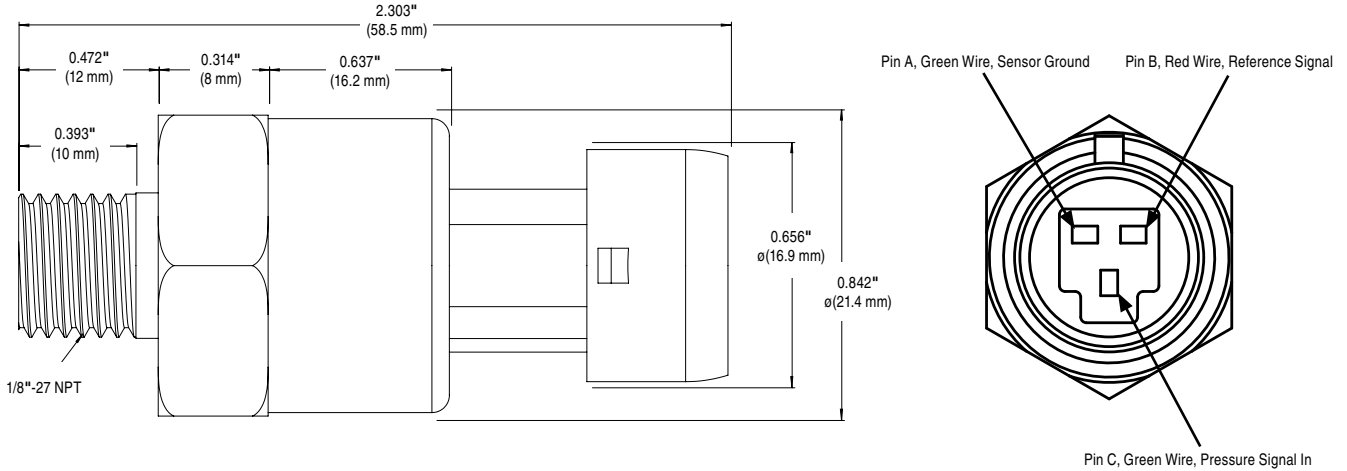


Submittal

Job _____ Designer _____ Contact _____

Pressure Sensor 088

The Pressure Sensor 088 provides a ratiometric signal to a controller to measure the pressure of a hydronic system between 0 to 150 psi (0 to 1034 kPa). The sensor bulb is designed to install into a tee using 1/8"-27 NPT threads and includes a 10 foot (3 m) long cable.



Features

- 150 psi or 1034 kPa
- 10' (3 m) cable
- Ratiometric signal

TECHNICAL DATA	
Pressure Sensor 088	
Literature	Submittal, Installation and Operating Manual
Maximum Operating Pressure	0 to 150 psi (0 to 1034 kPa)
Operating Temperature Range	-40 to 257°F (-40 to 125°C)
Burst Pressure	450 psi
Acceptable Fluid Media	Water, glycol solution, steam
Dimensions	0.87" ϕ x 2.3" L (22.0 mm ϕ x 58.5 mm L) cable: 10 feet (3.0 m).
Threads	1/8-27 NPT
Sensor	5 V(dc) ratiometric signal, +/-1% accuracy
Materials	304 stainless steel (sensor bulb); 3-conductor, 24 AWG with PVC cable jacket
Packaged Weight	0.40 lb. (180 g)

tekmar product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact tekmar Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on tekmar products previously or subsequently sold.

Pressure vs Voltage Table		
Pressure (psi)	Pressure (kPa)	Ratiometric Voltage (Vdc)
0	0	0.50
5	34	0.63
10	69	0.77
15	103	0.90
20	138	1.03
25	172	1.17
30	207	1.30
40	276	1.57
50	345	1.83
60	413	2.10
70	482	2.37
80	551	2.63
90	620	2.90
100	689	3.17
110	758	3.43
120	827	3.70
130	896	3.97
140	965	4.23
150	1034	4.50

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



A **WATTS** Brand

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