

Pressure Integral Systems with type 9900 Transmitter

Member of the SmartPro® Family of Instruments



Product description

GF has combined the type 9900 SmartPro® Transmitter with the 2450 Pressure sensors to create integral systems for level applications that are easy to order and simple to install. Also available in conductivity, temperature, and flow configurations, each integral system features a 9900 Transmitter which provides a local and easy to read LCD display. The push button keypad makes it easy to navigate through the transmitter's menu.

The integral system offers a local display, a scalable 4 to 20 mA output and open collector for process control. A 2450 Pressure sensor with wetted material of ceramic and PVDF installs into a ½" union fitting. The 2450 Pressure sensor is offered in three pressure ranges.

Features

- Utilizes the 2450 sensor for pressure measurement
- Local integral display
- Provides 4 to 20 mA output
- "At a glance" visibility
- "Dial-type" digital bar graph
- NEMA 4X/IP65

Applications

- Water Quality
- Filtration Systems
- Chemical Production
- Liquid Delivery Systems
- Media Filtration
- Reverse Osmosis Systems

Technical Details

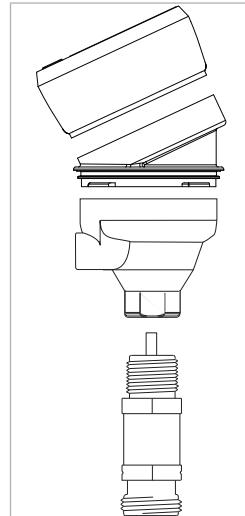
i See individual transmitter and sensor product pages for more information.

Sensor can be mounted through the side of a tank for hydrostatic level measurement. Tip: Add a ball valve to isolate the sensor from the tank to allow the removal of the sensor for service.

Pressure/Level Ranges*:

3-2250-XU 0 to 10 psi = 0 to 7.03 meters = 0 to 23.06 ft

3-2250-XL 0 to 50 psi = 0 to 35.15 meters = 0 to 115.32 ft



3-9900

Instrument

3-9900-396

Angle Adjustment Adapter Kit
(optional accessory)

3-8052

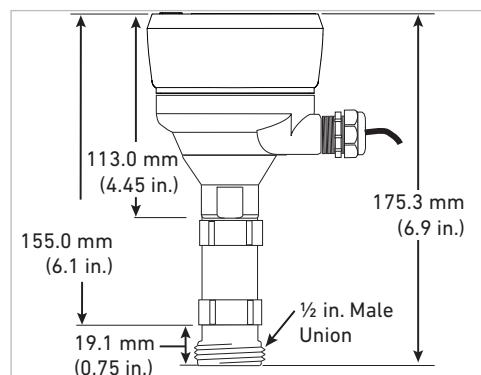
Integral Mount Kit

3-2450-3X

Pressure Sensor

Do not use the 2450 Pressure sensor mounted inside a tank. For all tank installations where the sensor is mounted inside a tank, use 3-2250 Hydrostatic Level sensor only.

Dimensions



System Overview

Integral Installation

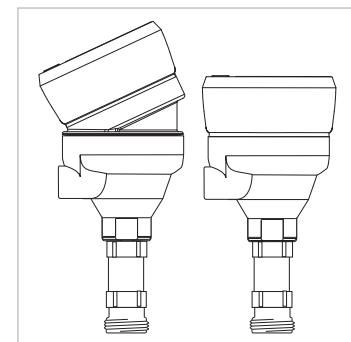
Type 9900 Transmitter with 3-8052 Integral Adapter Kit



Type 2450 Pressure Sensor



Customer supplied standard 3/8 in fittings



Ordering Information

Mfr. Part No./Code	Instrument + Sensor	Description
159 002 228	3-9900-1 + 3-2450-3U	Type 9900 transmitter + angle adjustment adapter kit + pressure sensor 0 - 0.7 bar (0 - 10 psi), 1/2 in. Union process connection
159 002 229	3-9900-1 + 3-2450-3L	Type 9900 transmitter + angle adjustment adapter kit + pressure sensor 0 - 3.4 bar (0 - 50 psi), 1/2 in. Union process connection
159 002 245	3-9900-1 + 3-2450-3H	Type 9900 transmitter + angle adjustment adapter kit + pressure sensor 0 - 17 bar (0 - 250 psi), 1/2 in. Union process connection
159 001 726*	3-9900-1 + 3-2450-3U	Type 9900 transmitter + angle adjustment adapter kit + pressure sensor 0 - 0.7 bar (0 - 10 psi), 1/2 in. Union process connection
159 001 727*	3-9900-1 + 3-2450-3L	Type 9900 transmitter + pressure sensor 0 - 3.4 bar (0 - 50 psi), 1/2 in. Union process connection
159 001 728*	3-9900-1 + 3-2450-3H	Type 9900 transmitter + pressure sensor 0 - 17 bar (0 - 250 psi), 1/2 in. Union process connection

*Only available in Europe.

Accessories

Mfr. Part	Code	Description
3-9900.396	159 001 701	Angle adjustment adapter kit

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