

# SERIES 40W

## Pressure Sensor



Red Valve Company, Inc.

- ▶ No wetted metal parts
- ▶ No gaskets required
- ▶ Non-clogging, protects instrumentation
- ▶ Bolt through design - positive alignment, secure connection

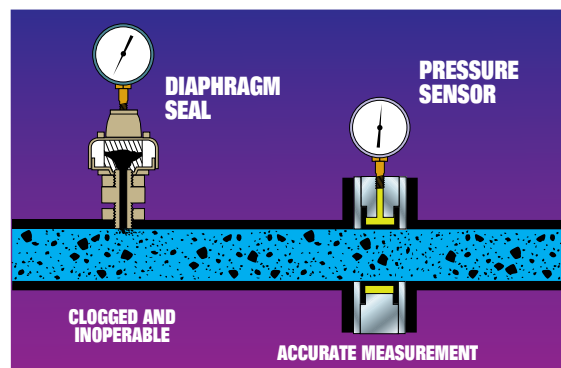
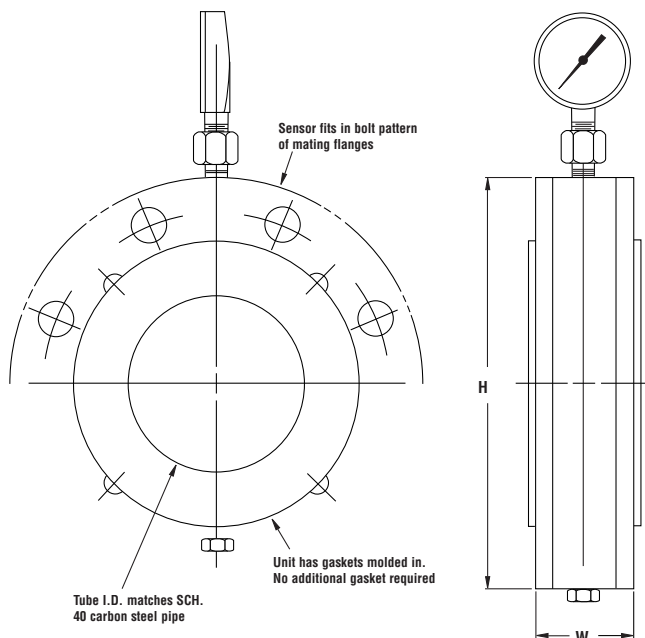


### Materials of Construction

- ▶ ANSI Class 125/150
- ▶ Body available in Carbon or Stainless Steel
- ▶ Sleeve available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®

The Series 40W pressure sensor isolates and protects instrumentation. The full-port design eliminates clogging, ensuring accurate pressure measurement under the most difficult conditions. The elastomer sleeve senses pressure 360 degrees around the inner circumference of the unit, overcoming problems like plugging and fouling of traditional diaphragm seals.

Combinations of elastomers and sensing fluids provide an operating range of  $-20^{\circ}\text{F}$  to  $+400^{\circ}\text{F}$ . Standard units are rated at 300 psi operating pressure and 450 psi surge pressure. All areas exposed to the process media are elastomer covered. Depending on the type of media being handled, elastomers can be specified to offer the best combination of chemical and abrasion resistance characteristics. The elastomer sleeve extends to the full face of the flange, eliminating the need for additional gaskets.



### Series 40W Pressure Sensor

Valve Size	H	W
1"	4 1/2"	1 7/8"
1 1/2"	5"	1 7/8"
2"	6"	1 7/8"
2 1/2"	7"	1 7/8"
3"	7 1/2"	1 7/8"
4"	9"	2 1/8"
6"	11"	2 1/4"
8"	13 1/2"	2 1/2"

If size larger than 8" is required,  
see Red Valve Series 40 and Series 48.