

SW

Sensor Well Ordering Information

Sensor wells are specified to isolate the process fluid from the sensor. It allows the sensor to be removed without requiring the vessel to be de-pressurized. Floats are placed on the outside of the sensor well wall.

SW/a/b/c/d/e/f/g:

| | | |
|-----------|---|--|
| /a | Well Material | |
| | S6 | Standard 316L Stainless Steel Standard |
| | A2 | Alloy 20 |
| | HC | Hastelloy C-276 |
| /b | Well Type | |
| | W1 | 5/8" O.D. x 0.049" Wall Tube Standard 20 ft / 6.1 m max length 1300 psig / 90 bar @ 300 °F / 149°C 1000 psig / 69 bar @ 1000°F / 538°C |
| | W2 | 3/4" Schedule 80 Pipe 30 ft / 9.1 m max length 1900 psig / 131 bar @ 300 °F / 149°C 1500 psig / 103 bar @ 1000°F / 538°C |
| | W3 | 1.5" O.D. x 0.188" Wall Tube (for AAR) 10 ft / 3.1 m max length 2400 psig / 165 bar @ 300 °F / 149°C |
| /c | Sensor to Sensor Well Connection | |
| | CF | Tube to Tube Compression Fitting, 1/2" bored to 5/8" Standard (For W1) |
| | WC | Welded Coupling with 3/4" FNPT |
| | C3 | 3/4" FNPT with /WP option (For W2) |
| /d | Process Connection | |
| | CF | Adjustable Compression by MNPT Fitting, 5/8" Tube to 3/4" MNPT (with /W1 only) Standard |
| | WPffnn | Welded Process Connection; specify type, material and rating using SLG-0001-1 |
| | FL | Loose Flange or Plug for use with compression fitting; specify type, material and rating using SLG-0001-1 (Flange Designation Chart) or KM26-0202-1 (KM26 Configuration Guide) |
| /e | Float Type | |
| | W1 & W3 Well Type: | |
| | F30 | F30B float, 316L SS, 3" height x 2.34" O.D., minimum specific gravity 0.535 Standard |
| | F31 | F31B float, 316L SS, 4.25" height x 1.85" O.D., minimum specific gravity 0.74 |
| | FXX | Custom Float; Consult Factory |
| | W2 Well Type: | |
| | F21 | F21T float; Titanium, 8" height x 2.55" O.D., minimum specific gravity 0.65 Standard |
| | F29 | F29B float; 316 SS, 5.83" height x 6.0" O.D., minimum specific gravity 0.40 |
| | F50 | F50B float, 316 SS, 7.5" height x 7.5" O.D., minimum specific gravity 0.44 |
| | F58 | F58B float, 316 SS, 6.0" height x 3.5" O.D., minimum specific gravity 0.67 |
| | FXX | Custom Float; Consult Factory |
| /f | Float Stop | |
| | ER | E-Ring Clip Standard (For W1 only) |
| | CDn | Center Disk; specify stilling well size and schedule for proper disk |
| /g | Length | |
| | L | Specify Inserted Length from top of nozzle face in inches or millimeters. |