

Patent Pending



Sterile Visual Flow Indicator Type "CT" for Hygienic Applications

Designed to be mounted in-line for high purity hygienic applications, these clamp type "CT" sterile-design visual flow indicators provide operators with a clear view of flow for virtually any process pipeline fluid or powder. They feature an internal-flush style based on a unique O-ring seal design that minimizes traps where bacteria can buildup. Polished stainless steel sanitary clamp connections are standard with orbital weld, Swagelok TS, flange or union connections as special order items.

Other premium standard features

- Mechanical stop for controlled gasket compression
- Eliminates thread galling and loosening of unit
- Prevents torsional distortion of o-rings typical with threaded designs
- No tools for easy assembly and disassembly
- Up to 34% increased viewing
- Precision bore borosilicate glass
- Product contact surface of SF4 (15 Ra Max, EP)
- Armored housing protects glass from objects and pipe stress.
- Units can be used during SIP/CIP and sterilizing/autoclaving.

Other Certifications

- FDA & USP Class VI certified o-rings
- EN10204 3.1 certification for steel work
- Fully complies with European Pressure Equipment Directive 2014/68/EU
- Borosilicate 3.3 viewing cylinder (10:1 FOS)

Units are available from stock in tube OD sizes from 1/2 to 4 inches with standard lengths shown below. Depending on OD, units are rated to 150 PSIG. Custom designed lengths, connection sizes and types are also available.

Standard material of construction is 316L Stainless Steel with full material traceability ASME (BPE Standards). For corrosive service, Hastelloy[®] and AL6XN[®] are also available. All gaskets are USP Class VI and FDA certified and are fully traceable. EPDM is the standard O-ring material with Silicone, Viton[®], and FEP jacketed Silicone as options.

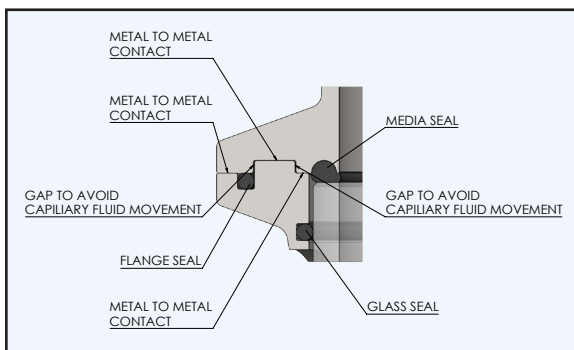
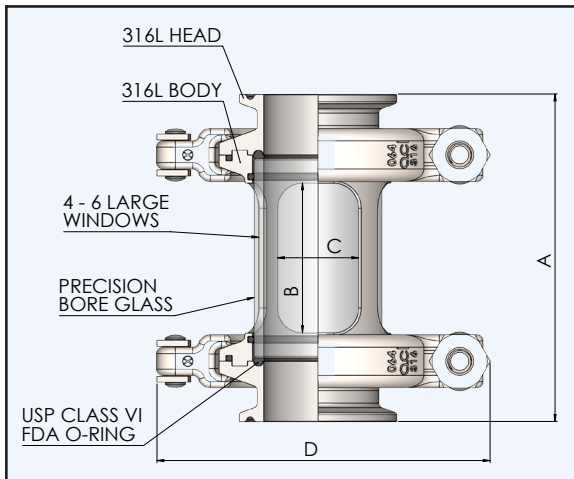
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| Tube OD | Base P/N | Length A | Window B x C | Width D | No. of Windows | Integral Clamp Size | Pressure PSI | Weight Lbs. |
|---------|---------------|----------|--------------|---------|----------------|---------------------|--------------|-------------|
| 1/2" | SVFCT-A05AA1B | 76 | 24 x 8 | 85 | 4 | DN10/15/20 | 290 | 1.3 |
| 3/4" | SVFCT-A07AA1B | 87 | 29 x 13 | 102 | 4 | 1", 1-1/2" | 253 | 2.0 |
| 1" | SVFCT-A10AA1B | 90 | 34 x 16 | 102 | 4 | 1", 1-1/2" | 123 | 2.2 |
| 1-1/2" | SVFCT-A15AA1B | 105 | 48 x 26 | 123 | 4 | 2" | 116 | 2.6 |
| 2" | SVFCT-A20AA1B | 120 | 55 x 36 | 140 | 4 | 2-1/2" | 101 | 3.4 |
| 2-1/2" | SVFCT-A25AA1B | 151 | 72 x 33 | 150 | 6 | 3" | 94 | 4.2 |
| 3" | SVFCT-A30AA1B | 175 | 108 x 36 | 165 | 6 | 3-1/2" | 94 | 5.5 |
| 4" | SVFCT-A40AA1B | 200 | 135 x 48 | 191 | 6 | 4-1/2" | 58 | 7.7 |

* All dimensions in mm unless otherwise stated