

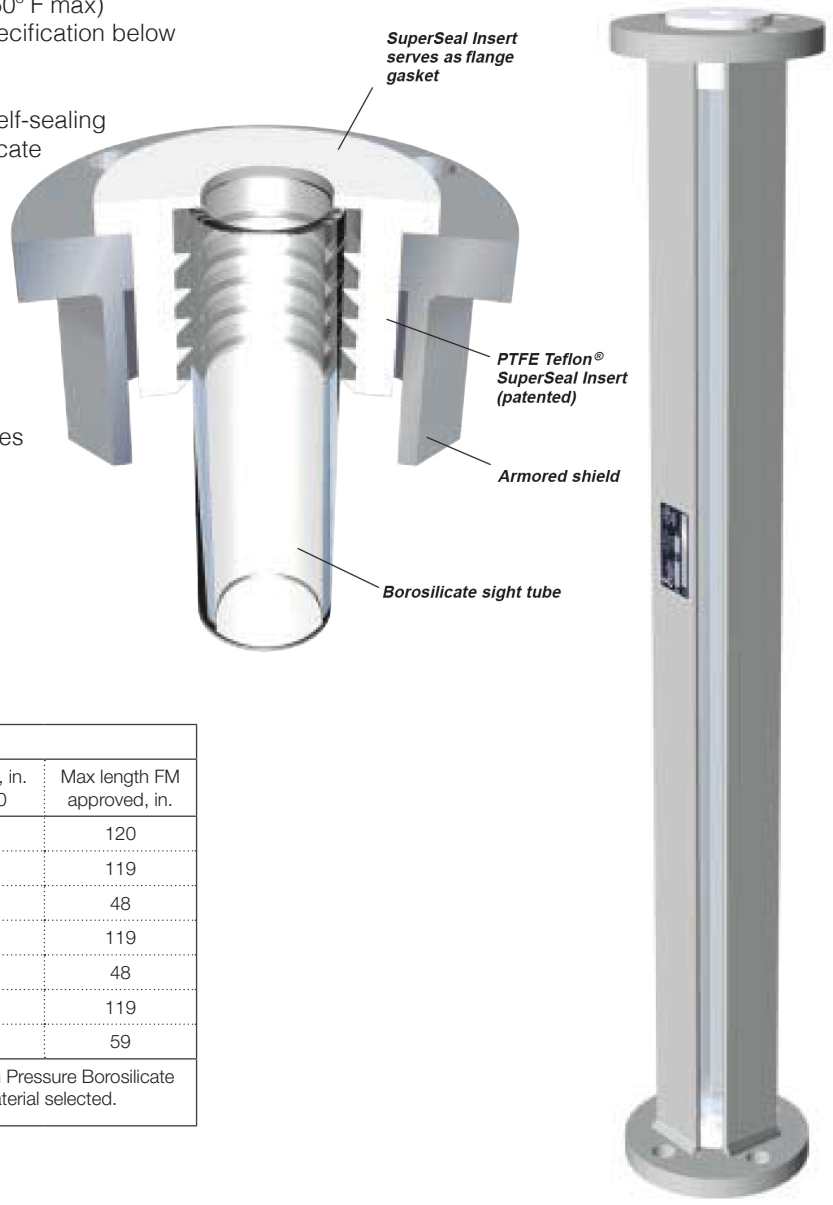
MODEL LS SINGLE TUBE LEVEL GAUGE



- Approved by the Factory Mutual System (150° F max)
- Max length for FM approved models per specification below
- Unobstructed visibility
- Maintenance free
- Patented one-piece SuperSeal inserts are self-sealing
- Wetted parts are PTFE Teflon® and borosilicate
- Rated up to 285 psig (ANSI 150)
- Optional 316 SS shields
- ANSI Class 300 lb gauge flanges are available on request
- Custom designs available

Standard Construction

- Borosilicate sight tubing
- PTFE Teflon® SuperSeal inserts
- Epoxy-coated carbon steel shield and flanges
- ANSI Class 150-lb flanges

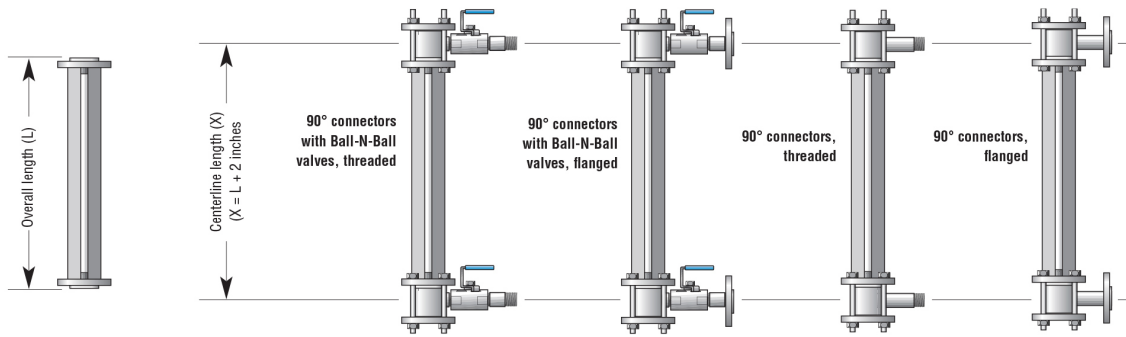


Model LS Specifications				
Sight tube material	Sight tube size, in.	Gauge rating, psig	Flange size, in. ANSI 150	Max length FM approved, in.
HP	1.00	150	1.00	120
PI	1.00	150	1.00	119
HW	1.00	285(1)	1.00	48
PI	1.50	135	1.50	119
HW	1.50	285(1)	1.50	48
PI	2.00	115	2.00	119
HW	2.00	285(1)	2.00	59

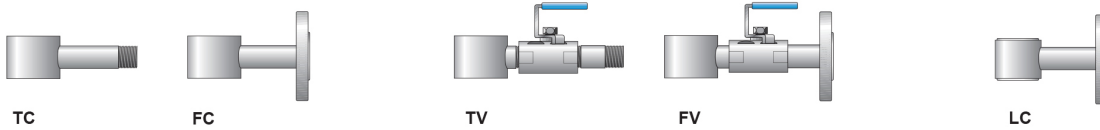
PI = Standard Borosilicate HW = Heavy Borosilicate HP = High Pressure Borosilicate
 NOTE: (1) Actual flange pressure rating may be based on material selected.



GAUGE-TO-VESSEL CONNECTIONS



Visual Length = Overall length - 3 inches



Gauge Connectors

- Threaded 1/2 to 1 in. NPT (TC)
- Flanged 1/2 to 2 in. (FC)
- Carbon steel, 316 SS, or CPVC
- Socket weld or weld neck flanges are available

Gauge Connector with Ball-n-ball valves

- Threaded 1/2 to 1 in. NPT (TC)
- Flanged 1/2 to 2 in. (FC)
- Carbon steel, 316 SS, or CPVC
- Socket weld or weld neck flanges are available

PTFE Teflon®-lined Gauge Connector

- Flanged 3/4, 1, 1-1/2, 2 in.
- 150 or 300 lb. ANSI
- Carbon steel
- 316 SS

GAUGE ACCESSORIES

Blind Flanges

- Same size as gauge flange
- Captures connector with gasket and hardware
- Carbon steel, 316 SS, or CPVC

Lined Reducing Flanges

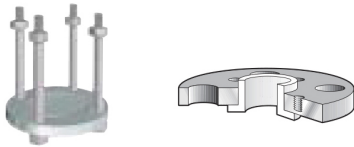
- PTFE Teflon®-lined
- Sizes up to 10 in. x 8 in.
- Used in place of gauge connectors for non-standard installations

Calibration Scales

- Polycarbonate or 316 SS
- Inches/feet, total inches, or metric
- Custom-calibrated sight tubing available, consult factory

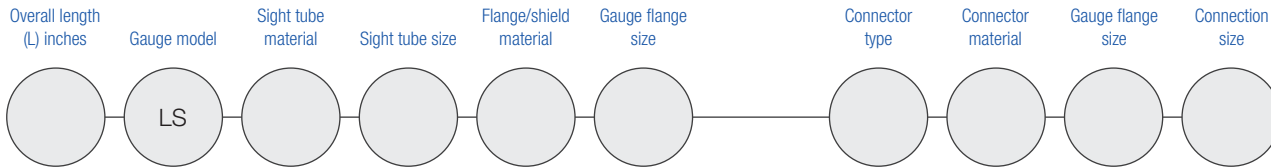
Explosion-Proof Illuminators

- 120-VAC, 56-watt, 3000-hour
- Class 1, Division 1, B, C, D, E
- Requires one lamp per 6 ft. of visual length



GAUGE AND CONNECTOR PART NUMBERS

Use the spaces below to generate the model number for your gauges. Codes for materials and diameters are from the chart at right.



Options

- Calibrated scale: Polycarbonate ___ 316 SS ___ Sight tube ___
Feet/inches ___ Total inches ___ Metric ___ Other ___
- Level floats: Orange PP ___
- Explosion-proof illuminator
- Sight tube redlining
- Vent and drain valves: Carbon Steel ___ 316 SS ___ CPVC ___
- PTFE-lined reducing flanges: Size ___ X ___

Codes for Part Numbers

Sight tube material	Code	Connector Material	Code
Standard Borosilicate	PI	Carbon Steel	CS
High-pressure Borosilicate	HP	316SS	S6
Heavywall Borosilicate	HW	CPVC	CP
Shield/Flange Material	Code	Size, Inces	Code
Carbon Steel	CS	1.00	10
316 SS	S6	1.50	15
		2.00	20