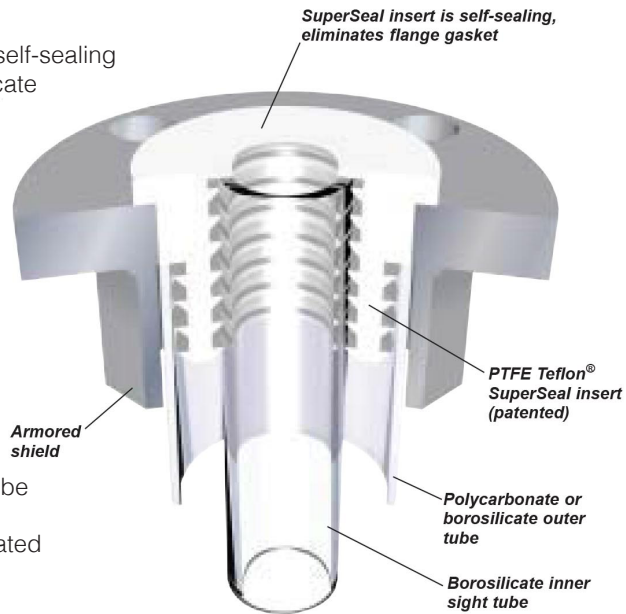


MODEL LT TUBE-N-TUBE™ LEVEL GAUGES (PATENTED)



- Approved by the Factory Mutual System (150° F max)
(Max length for FM approved models per specifications below)
- Unobstructed visibility
- Maintenance free
- Patented one-piece SuperSeal inserts are self-sealing
- Wetted parts are PTFE Teflon® and borosilicate
- Designed for cryogenic or hot process applications
- Transparent insulation reduces heat loss, eliminates many heat-tracing requirements
- Inner sight tube is protected and isolated
- Rated up to 285 psig (ANSI 150)
- Recommended for full-vacuum applications
- Optional 316 SS shields
- ANSI Class 300 lb flanges are available
- Custom designs available; consult factory



Standard Construction

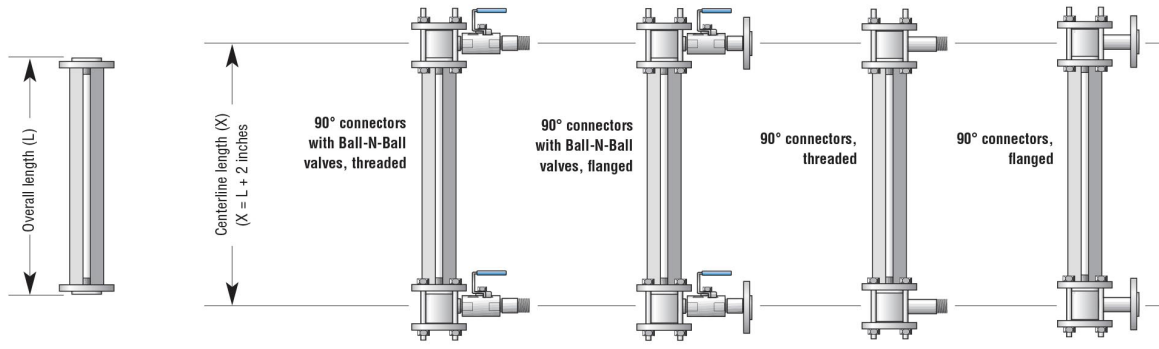
- Borosilicate inner sight tube
- Polycarbonate or borosilicate outer sight tube
- PTFE Teflon® SuperSeal inserts
- Carbon steel shield and flanges, epoxy coated
- ANSI Class 150 lb flanges

Model LT Specifications						
Sight tube material	Sight tube size, in.	Outer tube material	Outer tube size, in.	Gauge rating, psig	Flange size, in. ANSI 150	Max length FM approved, in.
HP	0.62	LX	1.50	150	1.00	96"
HW	0.62	LX	1.50	285 ¹	1.00	59"
HP	1.00	LX	2.25	150	1.50	96"
HP	1.00	OG	2.00	150	1.50	59"
HW	1.00	LX	2.25	285 ¹	1.50	48"
HW	1.00	OG	2.00	285 ¹	1.50	48"
PI	1.00	LX	2.25	150	1.50	96"
PI	1.00	LX	2.75	150	2.00	96"
PI	1.00	OG	2.75	150	2.00	59"
HP	1.00	LX	2.75	150	2.00	96"
HP	1.00	OG	2.75	150	2.00	59"
HW	1.00	LX	2.75	285 ¹	2.00	48"
HW	1.00	OG	2.75	285 ¹	2.00	48"
PI	1.50	LX	2.75	135	2.00	96"
PI	1.50	OG	2.75	135	2.00	59"
HW	1.50	LX	2.75	285 ¹	2.00	59"
HW	1.50	OG	2.75	285 ¹	2.00	59"
PI	2.00	LX	4.00	115	3.00	96"
PI	2.00	OG	4.00	115	3.00	59"
HW	2.00	LX	4.00	285 ¹	3.00	59"
HW	2.00	OG	4.00	285 ¹	3.00	59"

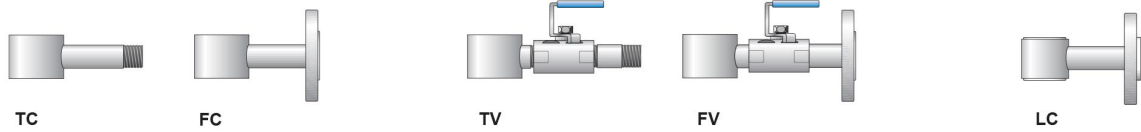
PI = Standard Borosilicate HP = High Pressure Borosilicate HW Heavywall Borosilicate
OG Outer Borosilicate LX = Outer Polycarbonate
Note: (1) Actual flange pressure rating may be less based on material selected.



GAUGE-TO-VESSEL CONNECTIONS



Visual Length = Overall length - 4 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

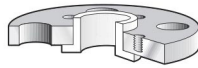
Blind Flanges

- 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

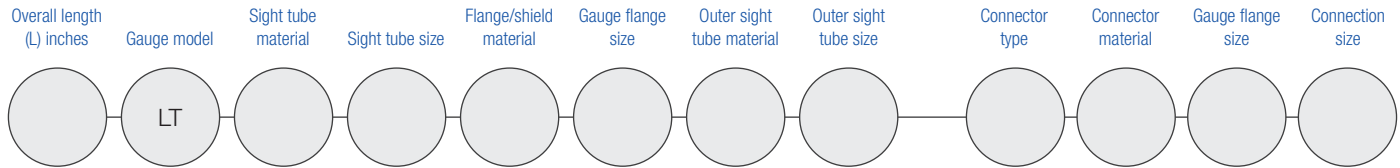


Explosion-Proof Illuminators

- 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 ___

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Codes for Part Numbers

Sight tube material	Code	Outer Tube Material	Code
Standard Borosilicate	PI	Borosilicate	OG
High-pressure Borosilicate	HP	Polycarbonate	LX
Heavywall Borosilicate	HW		
Shield/Flange Material	Code	Size, inches	
Carbon Steel	CS	0.62	6
316 SS	S6	1.00	10
		1.50	15
		2.00	20
Connector Material	Code		
Carbon Steel	CS	2.25	22
316 SS	S6	2.75	27
CPVC	CP	3.00	30
		4.00	40