



TUBULAR LEVEL GAUGE

SIGMA's direct reading liquid level gauge glasses are the recognized reliable means of accurately determining the liquid level in process tanks, pressure vessels, boilers & various other types of containers with liquid varying from ordinary water to highly corrosive and dangerous chemicals.

Sigma Advant-edge

- ✓ Maintenance free rugged design.
- ✓ Material mix to suit specific application.
- ✓ Special design for high temperature and pressures.
- ✓ Customized process connections, center to center distance and visible length
- ✓ Safety ball check device in gauge valves prevents leakage in the event of glass breakage
- ✓ Choice of Off set Gauge Valve in the top and bottom connection, facilitate cleaning of the Glass tube

Specifications

Center to Center (C/C) : as per below table / specific design

Body Type	: Straight or Off set
Body Material	: SS304 /SS 316 /CS /PP /PVC /specified
Connection	: Screwed / Flanged
Glass Tube	: Borosilicate (Ø 16 / 19 / 25 mm)
Protector	: Guard Rod (4 Nos) / 'C' Cover (2 Nos)
Hand Wheel	: Bakelite / CI
Drain / Vent	: Plugs or Cocks in BSP / NPT
Accessories	: Scales are available for positive

measurement of liquid is required. Scales are offered in weather resistant Plastic / Aluminum / SS and graduated in mm / inch.

Maximum Working Pressure for Gauge Glasses

Recommended Length in mm	Pressure in kg/cm ²
250	30
500	25
750	20
1000	16
1250	11
1500	5
1750	5
2000	4



Note

All the Tubular Level Gauge mentioned in this catalogue are our standard design. If the standard items do not meet your requirements, we can modify them to meet your specifications and would appreciate the opportunity of making suggestions to cover your application, based on engineering principles. SIGMA reserves the right to modify specification / design from time to time, which is deemed suitable for the product without prior intimation.



Available



IBR Approved
Tubular Level Gauge



Model Number Coding for Tubular Level Gauge

TLG	Valve Body	Bonnet	Connection	Flanges / Valve Material	Glass OD	Glass Protection	Connection Size & Rating	C/C in mm
Tubular Level Gauge	O - Offset T - Straight	S - Screwed B - Bolted N - None	F-Flanged T- Threaded S-Socket Weld B-Butt Weld	4-SS304 5-A105 6-SS316 4L-SS304L 6L-SS316L P-PP V-PVC T-Teflon S-Specified Material	1- 12 mm 2- 16 mm 3- 19 mm 4- 25 mm	G - Guard Rods C - Cover Protector	SR-Specify size & Rating for example 25 NB 150 # or 40 NB SW or 20 NB NPT	Example 1250 mm

new !



Model Decoding example: TLG - O - B - F - 4 - 2 - G-25 NB 150 #-1200 mm

Tubular Level Gauge, with

- Offset Valve Body
- Bolted Bonnet
- Flanged Connection
- S3 304 Flange / Valve
- 16 mm Glass OD
- Guard Rods for Glass Protection
- Flange Size 25 NB Size, 150 #
- CC: 1250 mm

Optional LED Illuminator:

Optional - IP 67 Led Illuminator for full length viewing.
Long Life - 100,000 hours, No Heat Generation,
High Contrast - Superior Visibility Day or Night,
Cost - Pays for Itself in Electricity Savings Alone

Note:

- Model Coding is categorized as per the specification of the product, for ease of selection and ordering.
- In case of choosing multiple specification under a specific category, mention the 2nd / 3rd code with a bracket, after the 1st code.
- For ordering IBR approved product, mention "IBR" immediately after the Product code.
- In case of doubt, contact SIGMA for assistance in arriving at the model code / for specification.
- Bolted Bonnet option is only available in Offset Valves.
- The product conforms to 97/23/EC: Pressure Equipment Directive, Article 3.3 Sound Engineering Practice.