



TUBULAR LEVEL GAUGE

1. TUBULAR LEVEL GAUGE

1.1 TUBULAR LEVEL GAUGE

Simple, low-cost and reliable for reading direct level inside a tank / vessel

Operating principle – visual indication

Tubular Level Gauge for liquids consists of glass tube fitted between two blocks / low pressure gauge valves. A channel / guard is provided to protect the gauge glass and prevent it from any accidental blows.



1.2 SHRIDHAN “TU” SERIES GLASS LEVEL GAUGES

For pressures up to 10 bar at 40 °C (145 psi at 100 °F)

Tubular Liquid Level gauges are a cost-effective method of visual liquid level indication for tanks operating at low pressures. The instrument consists of a toughened glass tube fitted between two blocks/low pressure gauge valves. The connection between the block/valve and glass is sealed by means of a suitable gasket. The gauge valves used on this type of instrument are most commonly the offset pattern type.

The continuous glass section is protected by steel guards which run between the blocks/valves and the pressures within which the gauges can operate are limited by the maximum allowable pressure for the glass.

Due to the limited protection available to the glass Tubular level gauges are not often used in environments which are subject to a high probability of the gauge being subjected to medium to strong external forces.

1.3 SPECIFICATIONS

RANGE	Single glass tube upto 1500mm For lengths above 1501mm - contact factory
CONNECTIONS	Flange - as per ANSI/ASA Class 150#RF, 300#RF/ Others * Threaded - as per request
PROTECTIVE CASING	Carbon Steel/SS 316/SS304 Aluminium
MATERIAL OF WETTED PARTS	A105/SS 316/SS 304/PP/Other
GLASS TUBE	Heavy walled Borosilicate Tube
PACKING	Valve stem: Grafoil Glass stuffing box: teflon cone washers
PRESSURE RATING	Upto 10 kg/cm ² working pressure / full vacuum
TEMPERATURE RATING	Upto 150 °C
BALL-CHECK VALVES	Optional, Offset pattern auto shut-off ball-check valve, A105/SS 316/SS 304/PP/Others
VENT/DRAIN VALVES	Optional, Ball/Needle/Gate, A105/SS 316/SS 304/PP/Others
* IBR Table H flange available on request	

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