



# COOLING TOWER PRESSURE GAUGE SET

## MODEL PGT STAINLESS STEEL

### 100 mm PRESSURE GAUGE, BALL VALVE & COOLING TOWER 3/8" BSPT CONNECTION

#### Features

**Stainless steel pressure gauge set with 100 mm dial, units marked in barg and 3/8" BSPT male termination connection for use on steam/condensate equipment.**

1. Several dial ranges available. See Specifications for details.
2. Dry case for pointer movement stabiliser.
3. Hygienic option on request - made to order.



#### Pressure Equipment Directive (PED)

Classification according to PED 2014/68/EU, fluid group 2

Size	Category	CE marking
DN 15 to DN 25	—*	Art. 4, Sec. 3 (sound engineering practice), CE marking not allowed

\* Manufactured in accordance with sound engineering practice

#### Specifications

Model	PGT
Dial Ranges (barg)	0 to 6, 0 to 10, 0 to 16, 0 to 25
Compound Dial Ranges (barg)	-1 to 4, -1 to 10
Connection	Termination connection 3/8" BSPT & 1/4" BSPT internal connections
Size	3/8" BSPT
Maximum Operating Pressure (barg) PMO	75% of Scale Value*
Maximum Operating Temperature (°C) TMO	230**

PRESSURE SHELL DESIGN CONDITIONS (NOT OPERATING CONDITIONS):

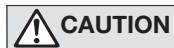
1 bar = 0.1 MPa

Maximum Allowable Pressure (barg) PMA: 125% of Max. Scale Value\*

Maximum Allowable Temperature (°C) TMA: 230\*\*

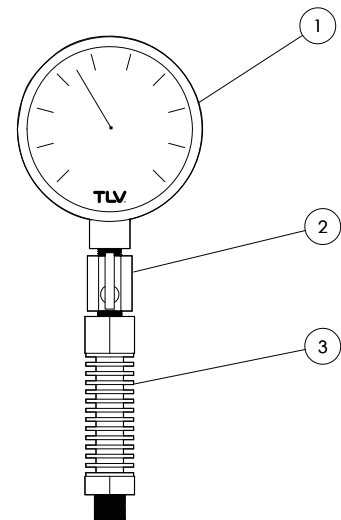
\* Scale Ranges - 0 to 6 barg, 0 to 10 barg, 0 to 16 barg, 0 to 25 barg, -1 to 4 barg and -1 to 10 barg. Other ranges on request - made to order POR

\*\* The cooling tower on average drops the temperature to 80 °C at the gauge inlet based on a source temperature of 230 °C. This makes the cooling tower suitable for the saturated steam temperatures of the gauge pressure ranges available. If the line is superheated or there are additional concerns, please contact TLV UK.

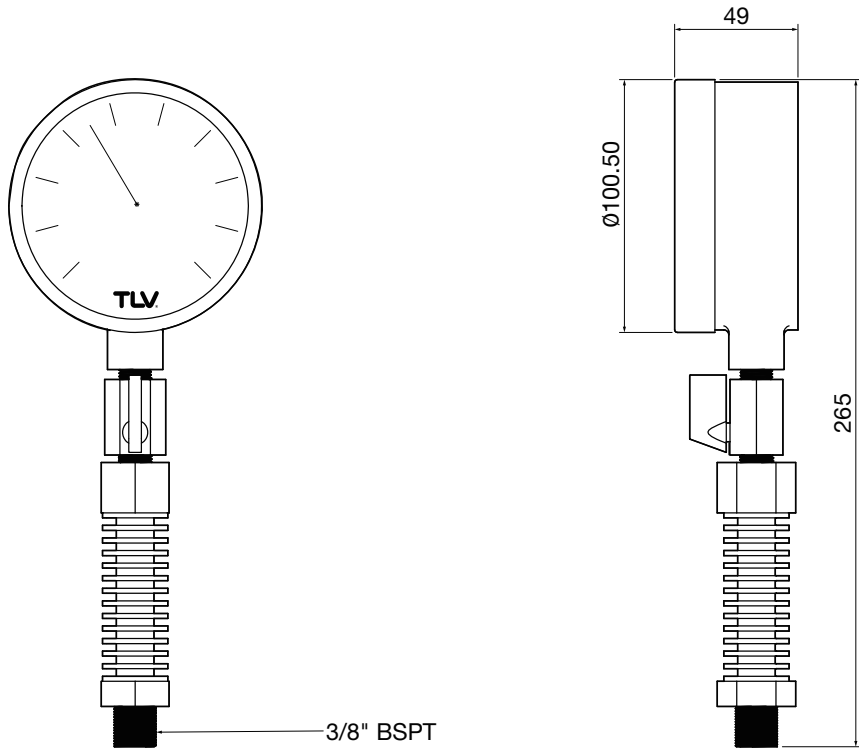


To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

No.	Description	Material	
①	Dial Pressure Gauge	Body	Stainless Steel
		Wetted parts	Stainless Steel
		Dial	Aluminium
②	Mini Ball Valve	Body	Stainless Steel
③	Cooling Tower		Stainless Steel



Dimensions



Unit: mm  
Approx. weight: 0.90 kg

Manufacturer  
**TLV** CO., LTD.  
Kakogawa, Japan  
is approved by LRQA Ltd. to ISO 9001/14001

ISO 9001  
ISO 14001

