

Pneumatic level gauge TLM 3 and TLM 5



- Dial display 160x160 mm
- Semi-permanent indication
- Integrated check-valve
- Protected against overpressure
- Protected against backflow
- For tanks of any shape
- Scale in % or Volume (according tank type)

APPLICATIONS

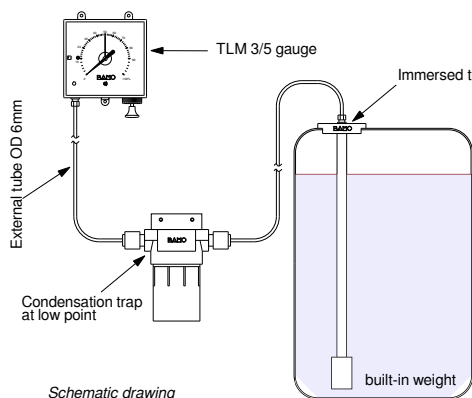
Semi-permanent level controller designed for instantaneous viewing of current level in a non pressurized tank.

- For storage tanks of diesel (height up to 5 m)
- For storage tanks of water (Height up to 4 m)

DESCRIPTION

The air inside the immersion tube is compressed when the piston of integrated pump is pulled and pushed. When the pressure balances the hydrostatic pressure (column of liquid), bubbles escape. The pointer on the gauge indicates the level on the dial.

It is possible and easy to change the scale according the tank shape and its volume. See the table of codes and references for the different scales.



TECHNICAL FEATURES

TLM gauge :

Measuring height	0... 3 m and 0 ... 5 m (diesel)
Adjustment ranges	0.9 to 5 m (diesel)
(Adjustment see table K)	1 to 4 m (water)
Case	Plastic, ABS
Mass	540 g
Mounting	Wall mount, 3 screws
Distance max.	50 m to the tank
Fitting	Gland fitting for tube O.D. 6 mm 4 x 6 mm copper or PE pipe
Pressure gauge	Brass capsule with linear expansion
Movement	Clock mechanism
Internal tube	Silicone tubing
Overpressure protection	Mechanical blocking
Accuracy	± 3 % F.S.
Adjustment of range and zeroing	By screw
Dial	Standard 0 ... 100 % (See table on page 2 for other possible scales)
Operating temperature	-5 °C to +45 °C

Weighted diver :

To connect the gauge to the tank
Fitting: Metallic connection, 1" G; with tubing O.D. 6 mm

Condensation chamber :

Against accumulation of condensed water which makes unstable and erroneous the measurements of pneumatic gauges

To install at lower point (close to burner, before the filter)
It collects condensates from piping and pneumatic gauge
Inlet and outlet: For tubing Ø 4 x 6mm

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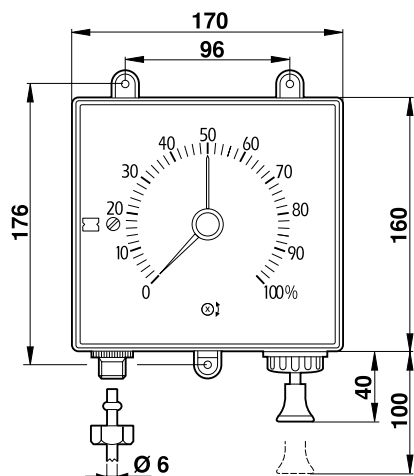
CODE NUMBERS AND REFERENCES

To compose a complete set, select the following items:

- TLM-type gauge
- Dial (graduation to be selected according to your tank)
- Connection tube Ø6 (outside of the tank)
- Immersed tube for measurement inside the tank (comes with fitting 1" and weighted extremity)
- Condensation trap type KG10

Code	Reference	
Gauge only (Housing)		
580 103	TLM-3	Tank Ø or H: 0.9 to 3 m
580 105	TLM-5	Tank Ø or H: 3 to 5 m
Dials for parallelepipedic tanks		
580 110	SLP %	Unit: %
580 130	SLP 1500	Scale: 1500 l
580 132	SLP 2000	Scale: 2000 l
580 134	SLP 3000	Scale: 3000 l
580 135	SLP XXXX	Specific scales (on request)
Dials for cylindrical tanks		
580 112	SLC 1500	Scale: 1500 l
580 114	SLC 2000	Scale: 2000 l
580 116	SLC 2500	Scale: 2500 l
580 118	SLC 3000	Scale: 3000 l
580 120	SLC 4000	Scale: 4000 l
580 122	SLC 5000	Scale: 5000 l
580 124	SLC 8000	Scale: 8000 l
580 125	SLC XXXX	Specific scales (on request)
Tube length		
580 140	PE50/4-6	50 m long; O.D. 6 mm
580 141	PE10/4-6	10 m long; O.D. 6 mm
Immersion tube (PE) with fitting 1" and weighted bottom extremity		
580 142	G220	Immersion tube 2.20 m
580 143	G320	Immersion tube 3.20 m
Condensation trap		
580 145	KG10	Condensation trap / tube Ø 4x6 mm

DIMENSIONS



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