

APPLICATIONS

- Petro-chemical plants
- Process & power plants
- Chemical / Fertilizer plants

FEATURES

- Glass indicator
- Economical Version
- Clear liquid level indication
- External Mounting

DESCRIPTION

General

Design : DIN 7081 / BS 3463

Type : Tubular-level Gauge

Max Operating Pressure : 10 bar

Max Operating Temperature : 100°C

Orientation : Top+Bottom / Side+Side

Process connection type : Threaded / Flanged

Isolation valve : screwed bolted ball Valve bonnet .

Visible length : Equal for Side+Side mounting and
lesser by 50 mm in Top+Bottom mounting to CCD

Material of construction

Glass Protection : Powder coated carbon steel channel

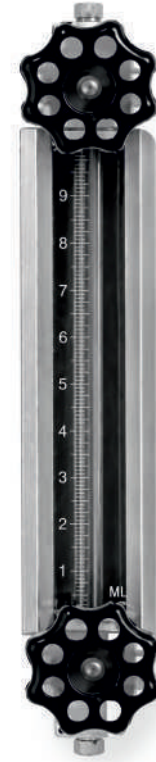
Isolation valves : AISI 304 SS

Gaskets : PTFE

Vent & Drain connection & accessories :
As per body material

Scale : Aluminum / AISI 304 SS

Tag plate : AISI 304 SS



LEVEL GAUGES - TUBULAR , TMC41

Standard version : TOP MOUNTED

Orientation : Side To Side Mounting

Glass Tube material : Acrylic Glass

Glass Protection Cover : Powder Coated carbon
steel Channel

Gasket : PTFE

Vent : ½" NPT (F), plugged

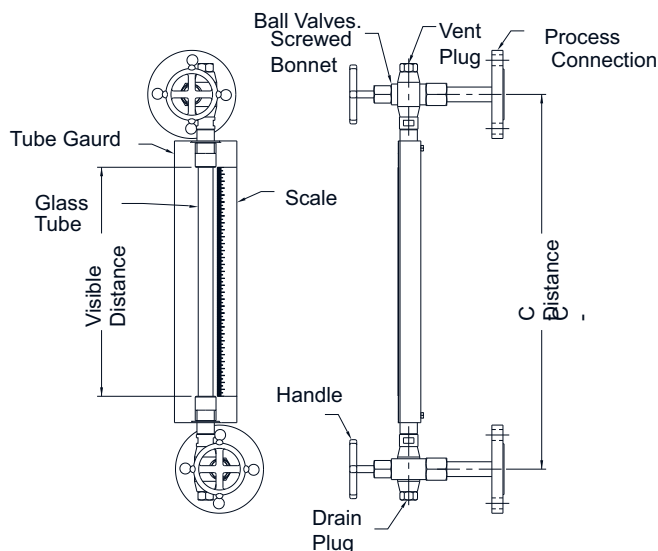
Drain : ½" NPT (F), plugged

Process connection : 1" RF 150# as per ANSI B16.5

Center to Center Distance (CCD) : 300...6500 mm

Scale : Aluminum

DIMENSIONAL DRAWING



NOTES
1. Drawing not to scale. All dimensions are in mm.

ORDERING CODES

MODEL				TMC41
TMC41 Tubular Level Gauge				
ORIENTATION				M14
M14	Top+Bottom	M15	Side+Side	
FLANGE MATERIAL				S09
S09	ASTM A105	S01	AISI 304 SS	
S13	ASTM A350 LF2	S02	AISI 316 SS	
GLASS PROTECTION				S09
S09	ASTM A105	S01	AISI 304 SS	
GASKETS				E51
E51	PTFE			
VENT				E53
E53	½" NPT (F), plugged	E54	¾" NPT (F), plugged	
E56	Needle Valve	E57	Ball Valve	
E55	1" NPT (F), plugged	E58	Flanged	
DRAIN				E53
E53	½" NPT (F), plugged	E54	¾" NPT (F), plugged	
E56	Needle Valve	E57	Ball Valve	
E55	1" NPT (F), plugged	E58	Flanged	
PROCESS CONNECTION				A13
P8	½" NPT (M)	A13	1" RF 150#	
P10	¾" NPT (M)	A14	1" RF 300#	
P12	1" NPT (M)	A25	1½" RF 150#	
P16	¾" NPT (M)	A26	1½" RF 300#	
A31	2" RF 150#	A32	2" RF 300#	
A43	3" RF 150#	A49	4" RF 150#	
SCALE				S14
S14	Aluminum	S01	AISI 304 SS	
CENTER TO CENTER DISTANCE				500
XXXX	300...6500 mm			
OTHER OPTIONS				E60/E27/E61
E60	Performance test certificate	E17	Material test certificate 3.1	
E28	Tag plate, AISI 316 SS	E27	Tag plate, AISI 304 SS	
E61	Hydro test certificate			

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Ordering Example : TMC41.M14.S09.S09.E51.E53.E53.A13.S14/500/E60/E27/E61



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