

APPLICATIONS

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

FEATURES

- Magnetic Float with Bi colour Indication
- High pressure & temperature
- Suit for Long Length
- No Risk for Damages

DESCRIPTION

General

Type: Magnetic Transmission Level Indicator

Max Operating Pressure : 10bar / 25 bar /
40 bar / 60bar

Max Operating Temperature : 120°C / 240°C / 300°C

Orientation : Top+Bottom / Side+Side

Process connection type : Threaded / Flanged

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

Material of construction

Chamber material : ASTM A105 / ASTM A350 LF2 /
AISI 304 SS / AISI 316 SS / AISI 316L SS

Flange / Process Conn. Material : ASTM A105 / ASTM /
A350 LF2 / AISI 304 SS / AISI 316 SS / AISI 316L SS

Isolation / Ball valves : ASTM A105 with AISI 304 SS / AISI
304 SS / AISI 316 SS with AISI 316 SS

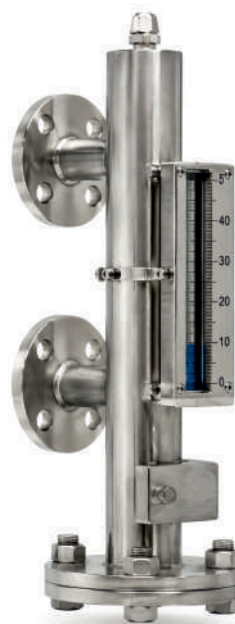
Gaskets : Compressed Asbestos Fiber (CAF) /
PTFE / Grafoil reinforced with AISI 316 SS

Nuts & Bolts : SS304 / SS316 / CS HIGH TENSION
as A193 B7 & A194 2H / A193 B8 - A194 8M

Vent & Drain connection & accessories :
As per body material

Scale : Aluminum / AISI 304 SS / AISI 316 SS

Tag plate : AISI 304 SS



MAGNETIC TRANSMISSION LEVEL INDICATOR, TMC39

Standard version : TOP MOUNTED

Orientation : Top+Bottom

Chamber material : SS304

Flanges : SS304

Magnetic Float: SS316 for low temperature

Gasket : PTFE / GRAFOIL

Vent : ½" NPT (F), plugged

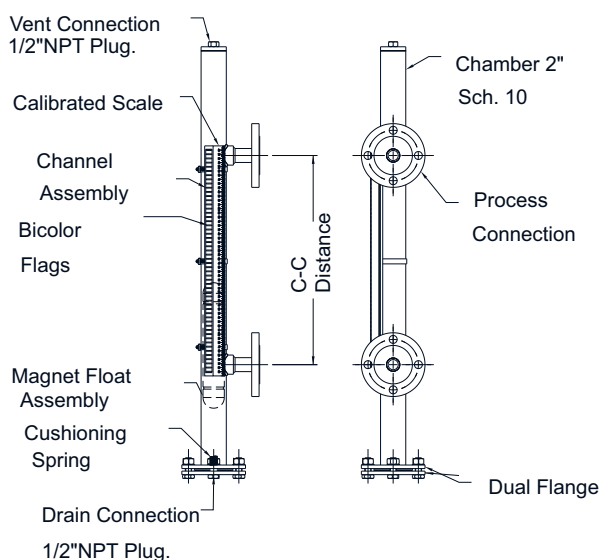
Drain : ½" NPT (F), plugged

Process connection : 1" RF 150# as per ANSI B16.50

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

Scale : Aluminum

DIMENSIONAL DRAWING



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

ORDERING CODES

MODEL						TMC39
TMC39-MAGNETIC TRANSMISSION LEVEL INDICATOR						
ORIENTATION						M14
M14	Top+Bottom		M15	Side+Side		
CHAMBER MATERIAL						S09
S09	ASTM A105	S01	AISI 304 SS	S02	AISI 316 SS	
S13	ASTM A350 LF2					
PROCESS CONNECTION MATERIAL- FLANGE /THREADED PIPE						S09
S09	ASTM A105	S01	AISI 304 SS	S02	AISI 316 SS	
S13	ASTM A350 LF2					
GASKETS						E51
E50	CAF	E51	PTFE	E52	Grafoil reinforced with SS 316	
VENT						E53
E53	½" NPT (F), plugged	E54	¾" NPT (F), plugged	E55	1" NPT (F), plugged	
E56	Needle Valve	E57	Ball Valve	E58	Flanged	
DRAIN						E53
E53	½" NPT (F), plugged	E54	¾" NPT (F), plugged	E55	1" NPT (F), plugged	
E56	Needle Valve	E57	Ball Valve	E58	Flanged	
PROCESS CONNECTION						A13
P8	½" NPT (M)	A13	1" RF 150#	A31	2" RF 150#	
P10	¾" NPT (M)	A14	1" RF 300#	A32	2" RF 300#	
P12	1" NPT (M)	A25	1½" RF 150#	A43	3" RF 150#	
P16	¾" NPT (M)	A26	1½" RF 300#	A49	4" RF 150#	
SCALE						S14
S14	Aluminum	S15	Acrylic	S01	AISI 304 SS	
S02	AISI 316 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	E27	Tag plate, AISI 304 SS	
E28	Tag plate, AISI 316 SS	E58	Anti-frost protection	E59	Illuminator with diffuser	
E61	Hydro test certificate					

Ordering Example : TMC39.M14.S09.S09.E50.E53.E53.A13.S14/500/E60/E27/E61