

REFLEX LEVEL GAUGE

SERIES : SC / L - 201

REFLEX LEVEL INDICATOR MODEL SC/RLG/401

Reflex level gauges are designed to detect the difference in refractive index of vapor and liquid and level detection and can be used in a number of process applications. This glass is flat on the outside and on the inside has a series of prism grooves that face the vapor and liquid space.



Model Coding - RLG :

BODY-MOC

CS/MS _____ M
SS 304 _____ S
SS 316 _____ T

COVER PLATE-MOC

CS/MS _____ 1
SS 304 _____ 2
SS 316 _____ 3

GAUGE GLASS

Toughened Borosilicate _____ B
Others _____ O

GASKET

CAF _____ 1
Graphoil SS 304 Reinforced _____ 2
Graphoil SS 316 Reinforced _____ 3

ISOLATION VALVE MOC

CS A-105 _____ V
SS 316 _____ S

VENT x DRAIN

1/2" NPT Plug x 1/2" NPT Globe Valve _____ 1
1/2" NPT Plug x 1/2" NPT Gate Valve _____ 2
1/2" NPT Plug x 1/2" NPT Needle Valve _____ 3

PROCESS CONNECTION

ASME 150 # RF Flange _____ P
ASME 300 # RF Flange _____ S
ASME 600 # RF Flange _____ T

SCALE

Aluminum _____ A
SS _____ S

TECHNICAL SPECIFICATION

Gauge Glass	Toughened Borosilicate (30W) or (34W)
Liquid Chamber	CS /MS/SS 304/SS 316
Cover Plate	CS /MS/SS 304/SS 316
Process Connection MOC	CS / CS A105/SS 304/SS 316
Process Connection	3/4" or 1"x ASME 150#, 300#, 600# RF
Process Connection Orientation	Rear-rear
Isolation Valve	CS A105 or SS316 x Offset Needle Valve
Vent	1/2" NPT
Plug Drain	1/2" NPT Globe or Gate or Needle Valve
CC Distance	Up to 1000 mm, others on request
Calibrated Scale	Aluminum/ SS304
Max. Operating Temperature	243°C Max.
Operating Pressure	upto 32 kg/cm ² Max.
Test Pressure	upto 64 kg/cm ²
Gasket	CAF/ Graphoil Reinforced SS 304/ 316 Reinforced
Bolts & Nuts	A193, Gr. B7, A194 Gr. 2H



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