MICRO FLOW INSTRUMENTS

MAGNETICLEVELINDICATOR:MFMLI

Description

The MICRO FLOW magnetic level indicator bi-color are high performanceInstruments for Level Indication. It is a single chamber design with 2" Chamber diameter, as required by the application. There are different Configuration styles, including top mounted models. Magnetic level indicators are produced in a wide range of materials of construction, Including plastics. We also offer one of the most complete selections of Processconnectiontypesandsizesaspervariousstandardsoftheindustry. TheseLevel Indicators may be equipped withavariety oflevel transmitters and switches, as well as, flapper indicators with or without stainless Steelscales.Applicationarehightemperature,highpressure,strongacids, Alkalis& hazard locations, boiler power generation, petro chemical etc.

FIG.1

Operation

AFloatofcompatibleMOC,carryingamagnet,isimmersedintheliquid And moves due to buoyancy. The movement is conditioned within A SS Float Chamber. External to the Float Chamber is a Glass Tube carrying a Magnetic Follower and an Indicating Assembly consisting of Magneticstrips.ThemagnetontheFloatandthemagnetontheMagnetic Followersarecoupledtomoveinunison.WhentheFloatmovesalongwith change in liquid level, the Magnetic Follower moves in unison inside the Glass Tube and SS magnetic strips thereby allowing clear visibility of level.

Specification

Installation	:Side/Top
C-CDistance	:300mmto 5000mm
Chamber	:ø60.3mminSS304/SS316/SS316L/PP
Vent/Drain	:½”threadedplug
Process Connection	:Forsidemounting-1)25NB/40NB/50NBflangesto BS/ANSI/DINor½”/¾”/1”BSP/NPT(M/F)Threaded For top mounting -100NB flange to BS/ANSI/DIN
LevelDisplay	:Bi-colormagneticflapperss304/ss316
FloatMounted	:ForSidemounting-ø50mminss304/ss316/ss316L/PP ForTopmounting-ø75mminss304/ss316/ss316L/PP
Scale	:SS304
Max.Temp.	:70^{o}C(PP)400^{o}in(SS)
Pressure	:Upto50kg/cm^{2}(SS)Upto2kg/cm^{2}(PP)
Min. SG	:0.6