

TOP MOUNTED LEVEL SWITCH

Severity, adversity... whatever the conditions of environment, SIGMA liquid level controllers keep operating. Rugged design of our units offer an electrical compartment completely isolated from the product level to be monitored. This makes it to withstand the extremely severe conditions to be met with in a wide range of a wide range of Chemical, Petrochemical, Power and other Process industries. A wide range of SIGMA level controllers in an application bound material mix provide choice for one, two, three or four level monitoring by trigger related systems through contactors or relay. The level sensor termed as displacer is designed to suit high temperature and pressures. With wide differential models, the use extends to open tanks, slurry and treatment plants, neutralization pits etc.

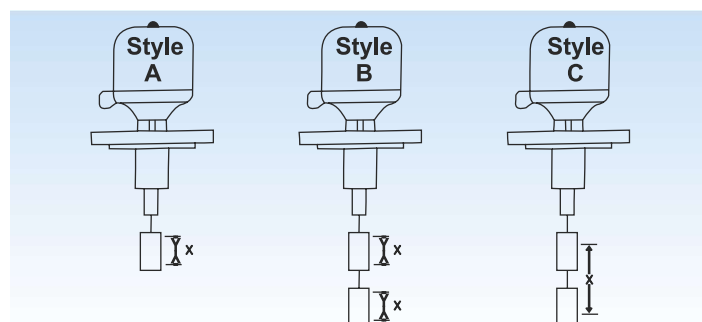
Sigma Advant-edge

- ✓ Easy installation, no manholes required.
- ✓ Field level settings.
- ✓ Adjustable differential versions.
- ✓ Can be used with external chambers.
- ✓ Level of operation up to 20 m.
- ✓ No rods to bend, only multi-stranded cables (ss wire) used
- ✓ Glandless rugged design to suit a wide spectrum of pressure and temperature.
- ✓ Suitable for foaming, surging and highly viscous liquid.



Specifications

Type	: Top Mounted Displacer Type.
Connection Size & Type	: 2" and above as per ANSI, DIN or BS standard or Screwed NPT.
Pressure	: up to 50 kg/cm ² specified.
Temperature	: 150°C / For higher temperature consult Sigma.
Flange Material	: CS / SS 304 / SS 316 / PP / PVC / Teflon / HDPE / specified.
Spring	: SS 316 / specified.
Spring Housing / Holder	: SS 304 / SS316 / PP / PVC etc.
Wire Material	: Multi stranded SS 316 / Nylon / C.S / PP / specified.
Displacer Material	: Porcelain, SS 304 or SS 316 , C.S, Rubber, Teflon Lined, PP / PVC / Teflon / specified.
Switch Housing	: Die Cast Aluminum, Weather proof or Explosion proof IIA , IIB or IIC.
Contacts (Micro Switch)	: 10 A / 15 A @ 250 V AC / specified. 2 SPDT is a standard.
Specific Gravity	: 0.7 - 1.2, for others consult Sigma.
Level of Operation	: up to 20 meter
Differential	: Approx. 50 mm / specified.



Available



IBR Approved
Top Mounted Level Switch

