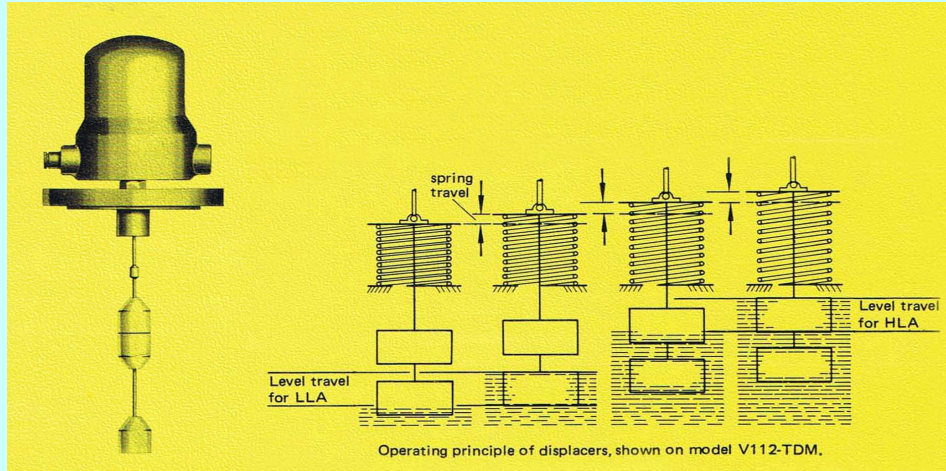




Top Mounted Displacement Types



Operating principle of displacers, shown on model V112-TDM.

Standard Design :

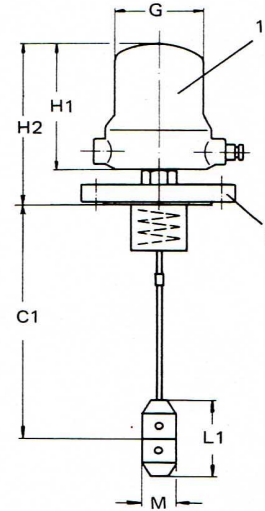
Model No.		V111	V112	V112TDM	V113TDM
Connection Flange	Material	Carbon Steel			
	Size/Rating	DN 100 PN 16 (DIN) or 4"-150 Lbs (ASA)			
Displacers : Porcelain Diam. x Length	Upper	65 x 192	80 x 192	80 x 192	3 ea. 89 x 96
	Lower	65 x 192	80 x 96	80 x 96	
min. Spec. Gravity		0,40	0,40	0,40	0,40
Number of Set Points		1	2	2	3
Position of Set Points		adjustable within cable length - 3 m standard length			
Switch Action :		HLA or LLA	Pump on-off between High and Low or HLA & LLA		and HLA or LLA
Displacer Cable		V2A-SS, Mtl. No. 1.4541 flexible			
Switch Housing		Cast Aluminium, IP55 acc. to DIN 40050			
Conduit Connection		PG16 DIN 46255 (Thread)			
Switch Mechanism	Type	Mercury Type Q1 - SPDT			
	Qty.	1	1	2	2

Optional :

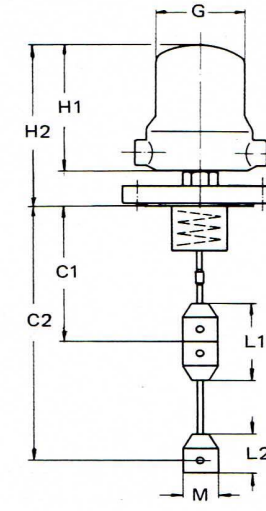
Connection Flange	Material	SS or other Mtl. upon request			
	Size/Rating	as per requirements			
Displacers : SS- 1.4571 Diam. x Length	Upper	75 x 152	75 x 280	75 x 280	3 ea. 75 x 152
	Lower	75 x 152	75 x 152	75 x 152	
Displacer Cable		up to 20 m			
Enclosure		for Ex-Proof, please ask			
Conduit Connection		as per requirements			
Switches : refer to Data-Sheet		Mercury : C1.1	Micro : C2.1	Proximity	Pneumatic

Outline Dimensional Drawings

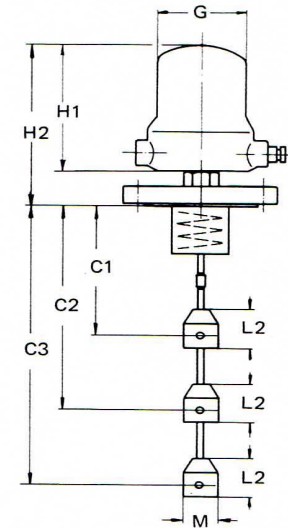
V111



V112 & V112TDM



V113TDM



1) Switch Housings shown are standard IP55.

2) Flange : standard or acc. to specifications.

Temperature Limitation : Max. Operating Temp. 180°C for all Models

* min. $H2 = H1 + 40$

Model No.	Displacer	M	L1	L2	C1*	C2*	C3*	G	H1
V111	Porcelain	65	190	x	260	x	x	130	200
	V4A, Mtl. No. 1.4571	75	152	x	230	x	x		
V112 & V112TDM	Porcelain	80	190	96	260	420	x	130	200
	V4A, Mtl. No. 1.4571	75	280	152	300	500	x		
V113TDM	Porcelain	65	x	96	220	340	460	130	250
	V4A, Mtl. No. 1.4571	75	x	152	230	410	590		