



This device guarantees automatic, safe and reliable control, regulation and signalling of the level of liquids in; steam boilers, pressurised vessels, preheaters, processes, etc.

Specifications

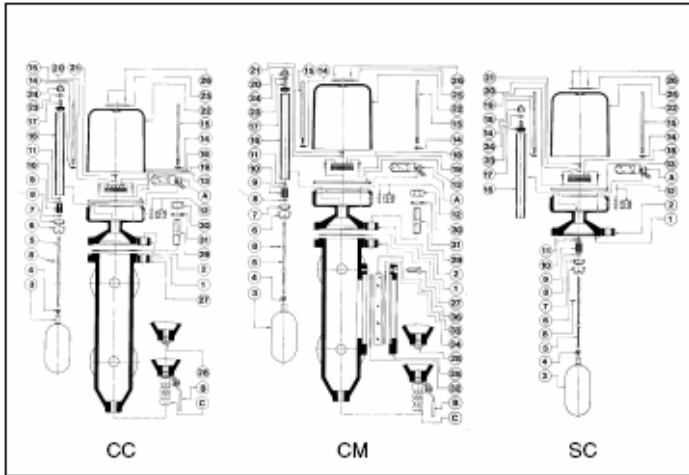
- Materials carefully selected for their resistance to wear and tear, temperature and corrosion.
- Simplicity of construction ensuring minimum maintenance.
- The area of connectors, terminals, magnetic switches, etc., is attached to a totally tightness base in the area in contact with the fluid. A cover of isolating temperature resistant material prevents the entry of dust or dirt, etc. IP-65 protection.
- The components of the magnetic switch are rigorously selected to guarantee long life and total operating safety.
- Silver alloy breakers.
- Easy to connect and adjust the operating points.
- Models with multi-slatted polyprismatic reflector sight glass allow visual level readings, making a clear difference between the liquid and gas stages of the fluids. The sight glass is made of boron silicate and is designed so that if it accidentally breaks it will not fall out in pieces.
- All of the equipment and the switches have been thoroughly tried and tested.
- Each of the components is numbered, registered and checked. If prior request is made a certificates of materials, batch and tests will be supplied.

IMPORTANT

In steam boilers and other vessels with precipitating fluids we recommend adding a blowoff valve to the equipment, Mod. 999, 1/2" joined to the waste pipe for periodic release of sludge. As a minimum a 2 + 3 second release must be performed every 8 hours. If the 076-SC Model is connected to steam boilers or to vessels with turbulent fluids they must be supplied with the corresponding breakwater.

Depending on demand:

- Possibility of manufacture in other types of material, for use in special working conditions (high temperatures, fluids, etc.).
- Other connections and body length.
- Stainless steel buoy (DIN-1.4401) (AISI-316) with coating of Epoxy, PTFE (Teflón), Chemical nickel, etc.
- Other sizes of buoy.



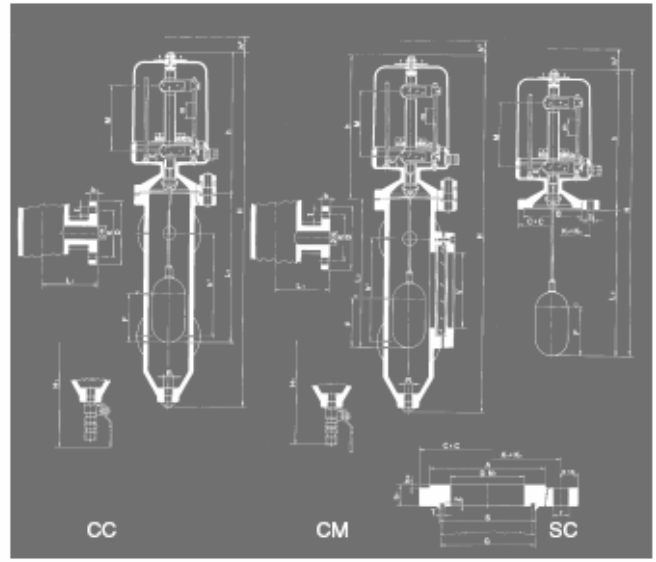
Nº. PIECE	PIECE	MATERIAL
1	Base joint	Klingerit cardboard
2	Base	S. steel (DIN-1.4408) (ASTM A351 CF8M)
3	Buoy (1)	S. steel (DIN-1.4401) (AISI-316)
4	Connector	S. steel (DIN-1.4401) (AISI-316)
5	Guide rod	S. steel (DIN-1.4401) (AISI-316)
6	Cap securing clip	S. steel (DIN-1.4300) (AISI-302)
7	Cap end stop	S. steel (DIN-1.4301) (AISI-304)
8	Buffer	S. steel (DIN-1.4301) (AISI-304)
9	Magnet	Alnico - 500
10,20	Washer	S. steel (DIN-1.4401) (AISI-316)
11,14,23	Nut	S. steel (DIN-1.4401) (AISI-316)
12	Gland	Brass (DIN-1.7660 CuZn40Pb2)
13	O-ring gasket	Fluorelastomer (Vitón)
15	Switch mounting	S. steel (DIN-1.4305) (AISI-303)
16	Guide tube	S. steel (DIN-1.4401) (AISI-316)
17	Cap	S. steel (DIN-1.4301) (AISI-304)
18	Terminal block	Bakelite
19,21	Screw	S. steel (DIN-1.4401) (AISI-316)
22	Cap	Aluminium (DIN-3.2381.01 G-AISI10Mg)
24	Cap	Plastic
25	Plate	Aluminium
26	Rivets	Aluminium (AlMg5)
27	Body	Cast iron (DIN-0.6025 GG-25)
28	Cap	Carb. steel (DIN-1.1181 Ck-35)
29	Stud	Carb. steel (DIN-1.1181 Ck-35)
30	Nut	Carb. steel (DIN-1.1141 Ck-15)
31	Washer	Carb. steel (DIN-1.1141 Ck-15)
32	Coupling	Klingerit cardboard
33	Crystal	Boron-Silicate
34	Coupling	Klingerit oilit cardboard
35	Sight glass cover	Cast iron (DIN-0.6025 GG-25)
36	Cover screws	Cast steel (DIN-1.1191 Ck-45)

DN	25 (2)			
PN	16			
OPERATING PRESSURE IN bar	13,3	11,9	10,9	10,4
MAX. TEMP. IN °C	150	200	250	300
MIN. TEMP. IN °C	-10 (3)			

MODEL	CC	CM	SC								
DN	25	25	—								
CONNECTION	—	—	4 Screws M.16x40								
h ¹	190	250	190	250							
H	855	715	855	715							
H ₁	790	840	790	840							
(MAX. LEVEL FLUCTUATION)	120	120	120								
(MIN. DISTANCE BETWEEN SWITCHES) (1)	30	30	30								
(MINIMUM)	25	25	25								
MAX. Nº. OF SWITCHES (2)	5	5	5								
h ²	160	160	160								
h	262	262	262								
L ₂	312	372	312	372							
L ₁	100	100	100	100							
BUOY	Ø 60 x 120	Ø 60 x 120	Ø 60 x 120								
(FLOATING LEVEL IN WATER)	87	87	87								
REFLECTION GLASS	—	—	—								
V	—	—	—								
R	1/2"	1/2"	—								
Water tight gasket (cylindrical base) ISO 2291 1287 (DIN-53)											
CONNECTING FLANGE (PN106 DIN-53028)											
D	115	115	—								
K	85	85	—								
I	14	14	—								
b	16	16	—								
DILLS Nº.	4	4	—								
C x C	—	—	130 x 130								
K ₁ x K ₁	—	—	98,3 x 98,3								
h	—	—	18								
B	—	—	110								
DN ₁	—	—	70								
K ₁ x K ₁	—	—	98,3 x 98,3								
r	—	—	M. 16								
Metric male thread ISO (DIN-913)											
b ₁	—	—	20								
b ₂	—	—	3,5								
Nº. OF THREADS	—	—	4								
C x C	—	—	130 x 130								
A	—	—	109,8								
S	—	—	90								
T	—	—	4,5								
G	—	—	88,9x3,2 (DIN-2448)								
N	—	—	3								
WEIGHT IN Kgs.	14,40	17,40	16,30	22,00	4,60						
VIEWER (3)	—	—	F	D	I	F	D	I	—	—	
CODE	2104-076.	51061	51062	51063	51064	51065	51066	51067	51068	50061	50062

(1) Attached to the same mounting.
 (2) The maximum number of switches is 5 for each of the two mountings.
 The buoy type automatic level controller Model 076 is supplied with no Model 262 magnetic switches. All switches requested are supplied separately.
 (3) F = Front viewer. D = Right viewer. I = Left viewer.

(1) See brochure for Model 152 Ø90x120.
 (2) In Model 076-SC the coupling is made with 4 M.16x40 screws.
 (3) As long as the equipment is free of humidity. Under the same conditions Model 076-SC can work up to -60°C.
 ⚠ The buoy type automatic level controller Model 076 is supplied with no Model 262 magnetic switches. All switches requested are supplied separately.
 ⚠ The blowoff valve and the waste water pipe joint are options on request

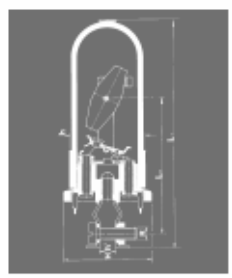


Magnetic switch

Model 262

Specifications
 Electrical characteristics: — Voltage: 220 V.A.C.
 — Current: 1 A.
 Magnetic characteristics: — Material: ALNICO - 1500.
 — Residual induction (Br): 8500 / 8600 G.
 — Coercive force (Hc): 1400 / 1500 Oe.
 — Energy index (B-H) maximum: 4,2.

MODEL	262
R	M.4
Metric male thread ISO (DIN-913) de 1973	
H	27
h	23
h ¹	5
L ₁	70
L ₂	43
WEIGHT IN Kgs.	0,041
CODE	2104 - 262.0000



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