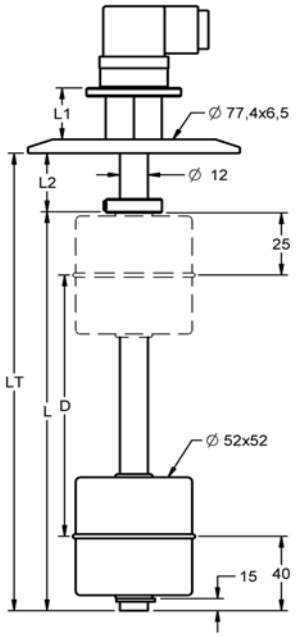
TMR CC INOX

LEVEL
MAGNETIC
TRANSDUCERS
RESISTIVE OUTPUT

Operating principle	When the float goes up or down through the stem by the action of the liquid, a row of reed contacts turns on or off and generates an output proportional to the level height.
Connection	Connector DIN43650
Separator (L1)	Optional
Attachment	Clamp flange. SS AISI316. 2"1/2 G
Dead zone (L2)	Optional
Top stopping ring	Optional
Length / Stem	150..1000 mm / Ø12 mm. SS AISI316 1010..2500 mm / Ø13 mm. SS AISI316
Bottom stopping ring	SS AISI316
Float	Cylindrical. SS AISI316. Ø 52 x 52 mm
Pressure	30 K/cm^2
Density	e > 0,5 g/cm^3
Length (D)	150 mm > D < 2500 mm
Temperature	Air: -20..+50ºC - Liquid: -20..+100ºC
Protection	IP 65
Distance between contacts	Standard 10 mm · Optional 5 mm
Analog output	100 Ω / reading
Repeating precision	± 1%



Parameters calculation

D \ P	5	10
150	0,53	1,06
500	0,16	0,32
1000	0,08	0,16
1500	0,05	0,11
2000	0,04	0,08
2500	0,03	0,06

Examples of resolutions

L : Total height (mm) — L = D + 40
D : Distance to control (mm)
N : Númber of readings — N = D / P
P : Step between readings (mm)
R : Resolution (mA/reading) — R = 16 / N

How to order

TMR CC INOX P05 D500 C25 S40

CC - Clamp flange. 2"1/2 G
P05 - Step 5 mm
P10 - Step 10 mm
Dnnn - Distance D (mm)
Cnnn - Distance L1 (mm)
Snnn - Distance L2 (mm)

(If L1 and/or L2 are not stated, it will be understood as null)

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