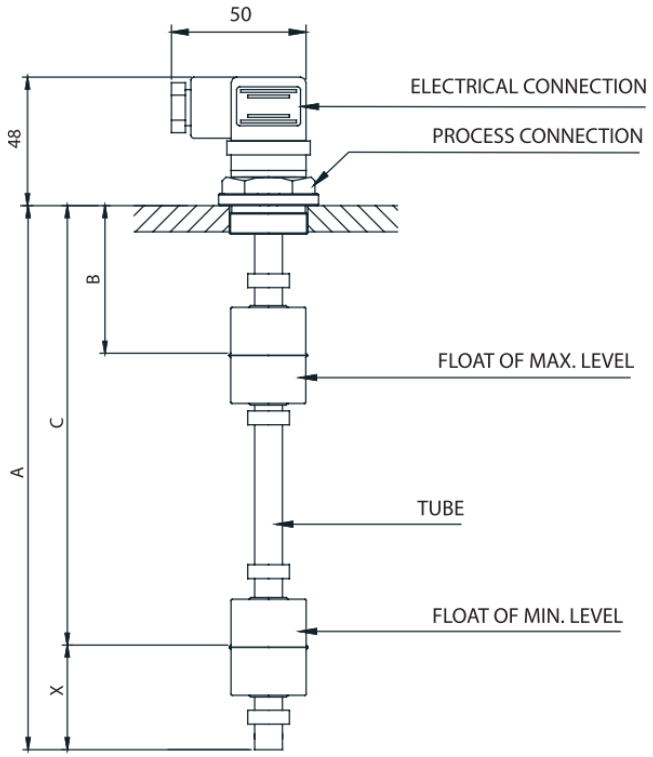
RIL200 MAGNETIC LEVEL SWITCHES LEVEL

STAINLESS STEEL ELECTROMAGNETIC LEVEL INCATOR THREADED WITH 1 OR 2 POINTS OF CONTROL



USE:

Made to ensure, with maximum safety, the minimum or maximum level of liquids in tanks containing corrosive substanc
Entirely in AISI 316 stainless steel, they are suitable for use in the chemical, pharmaceutical and food industri

OPERATION:

When the float of the incator meets the Reed switch incorporated in the tube at the pre-established stances, the contact is activated by the magnet housed in the float opens or closes, thus obtaining the possibility of senng a luminous or acoustic signal or sconnecting any electrical equipment connected to it.

FITTING:

The incator must be fitted in the vertical position, and the float must be at least 35mm from ferrous surfaces (walls, tanks, etc.).
Seal is guaranteed by an oilproof synthetic rubber seal.

MAX PRESSURE 10 Bar

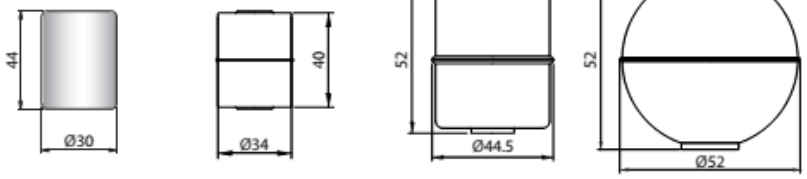
MODEL			PROCESS CONNECTION		A	FLOAT		OPE-RATING TEMP.		ELECTRICAL CONNECTION N° POINTS OF CONTROL			POLES OCCUPIED SPST	POLES OCCUPIED SPDT	QUOTE AND NATURE OF CONTACTS IN THE PRESENCE OF LIQUID B		QUOTE AND NATURE OF CONTACTS IN THE PRESENCE OF LIQUID C		TEMPERATURE SENSOR IN THE LOWER PART OF LEVEL (THERMOSTAT ONLY FOR PROCESS CONNECTION A-B) A=+20 mm		ELECTRICAL CONNECTION		CABLE LENGHTS	
RIL200 INOX	TC1	1 POINT OF CONTROL SPST	-	1" GAS	FROM 65 TO 3500	A	Ø30X44 NBR BLACK (STANCE BETWEEN POINTS 70 mm) A B	S	-20+80°C	S	SEPARATE	1 [TC1 - TC2]	2	3	QUOTE+		QUOTE+	-	WITHOUT	-	WITHOUT	1 - 6 POLE IP65	-	WITHOUT CABLE
	TC2	1 POINT OF CONTROL SPDT	A	1"1/2 GAS		B	Ø30X36 S/STEEL (STANCE BETWEEN POINTS 50 MM) -								C	SPST N.C.	C	SPST N.C.	2	PT100	2- 10 POLE IP65	L=	WITH PVC CABLE OR SILICONE MAX 4 POLE
	TCMM	2 POINTS OF CONTROL SPST	B	2" GAS		C	Ø44,5X52 S/STEEL (STANCE BETWEEN POINTS 75 mm) A B	H	-20+120°C	1	1 COMMON	2 [TCMM TCMS]	3	5	O	SPST N.O.	O	SPST N.O.	3	PT1000	3 - CABLE OUTPUT IN PVC		
	TCMS	2 POINTS OF CONTROL SPDT	B	2" GAS		D	Ø52X52 S/STEEL SPHERICAL (STANCE BETWEEN POINTS 75 mm) B	K	-20+150°C	S	SEPARATE		4	6	S	SPDT	S	SPDT	4	THERMOSTAT 50°C - NO	4 -CABLE OUTPUT IN SILICONE		
																			5	THERMOSTAT 60°C - NO			
																			6	THERMOSTAT 70°C - NO			
																			7	THERMOSTAT 80°C - NO			
																			8	THERMOSTAT 50°C - NO	5 - 6 POLE INOX AISI316		
																			9	THERMOSTAT 60°C - NC			
																			10	THERMOSTAT 70°C - NC	- CONNECTORE IP65 (MAX 3 POLE+T)		
																			11	THERMOSTAT 80°C - NC			

TECHNICAL CHARACTERISTICS AND ORDERING CARD

FLOATS

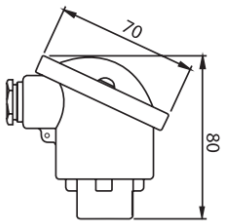
	FLOATS			
	A	B	C	D
B minimum (mm)	35	35	40	40
X minimum (mm)	35	30	45	45

A B C D

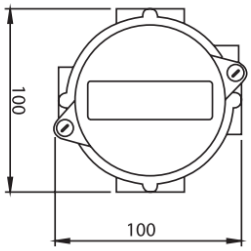


ELECTRICAL CONNECTIONS

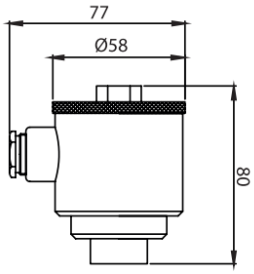
1 IP65 ALUMINIUM HEAD



2 IP65 ALUMINIUM HEAD



3 IP68S STAINLESS STEEL AISI316 HEAD



THERMOSTAT ELECTRICAL CHARACTERISTICS	
VOLTAGE	250 V. COMMUTABLE
FREQUENCY	50 Hz
LOAD VALUES	4.0 A. cos φ = 0,6 (I M OT) 6.3 A. cos φ = 1,0 (I N)
MAX. LOAD	10 A. cos φ = 1
COMMUTATING TEMPERATURE	50°C - 60°C - 70°C - 80°C
CONTACTS	N.C. = NORMALY CLOSE N.A. = NORMALY OPEN
TOLERANCE	± 5°C

ELECTRICAL CONTACTS	FLOAT	ELECTRICAL CHARACTERISTICS			
		POWER COMMUTABLE IN D.C.	POWER COMMUTABLE IN A.C.	CURRENT STRENGTH IN C.A.	COMMUTABLE VOLTAGE
SPST	A-B	60 W	60 V.A.	3 A	230 VDC / VAC
SPDT		30 W		0,5 A	500 VDC
SPST		80 W	80 V.A.	1,3 A	250 VDC / VAC
SPDT		60 W	60 V.A.	1 A	230 VDC / VAC