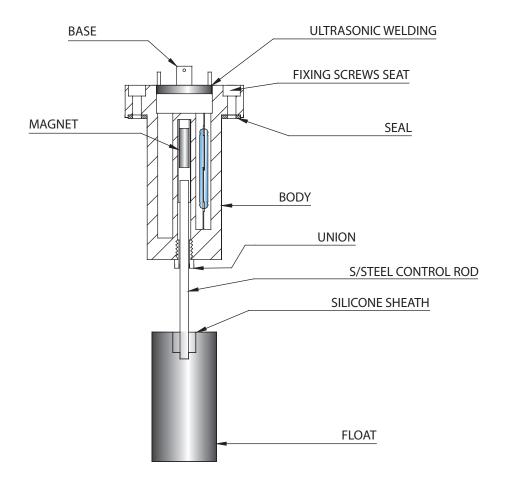
### **RAPID LEVEL**

# PATENTED LEVEL SWITCHES WITH UNIQUE CHARACTERISTICS



- \* The required length can be obtained simply by cutting the steel rod, using an ordinary pipe cutter; or the switching point can be varied by using a float with through hole allowing the required liquid control point to be modified whenever necessary.
- \* It can be used for dirty liquids, water, petroleum, cutting oils, and tolerates the presence of metal and ferrous particles, since the float does not hold a magnet and is integral with the rod.
- \* One float can operate just one Reed (min. or max. level), or two Reeds (min. and empty and extra max. level) thus meeting the most complex needs.
- \* Total safety since the electrical part is completely separate in the tank side and perfectly sealed with respect to the external side by means of ultrasonic welding and resin coating of the pins.
- \* The nylon-glass body is very strong and very resistant with respect to chemicals, and is ideal as an insulating container for the Reed contacts.
- \* The Rapid Levels come standard with rods suitable for control of a max. measurement of 500 or 1000mm. To obtain specific measurements, refer to the table on the next page.
- \* They can be ordered already arranged for the control of predetermined measurements.



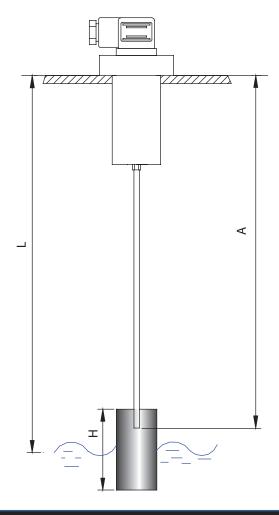
### **THROUGH FLOAT**

On request the float can be supplied with through hole and therefore be positioned in the required position without having to cut the rod (which can therefore be as long as the height of the tank). If necessary, the liquid control point can be subsequently be modified as required by simply moving the float.

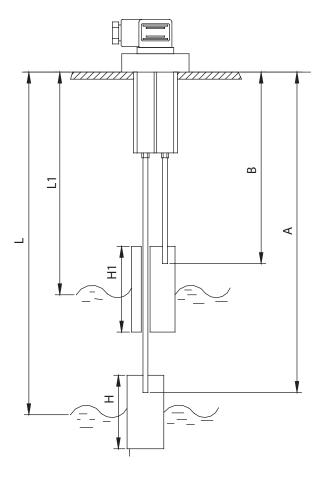
## **RAPID LEVEL**

# Rapid Level connection rod cutting table.

(NB: Carry out the cutting measurement with the rod in traction with respect to the body)



CONTROL	ROD CUTTING	CONTROL	ROD CUTTING			
	FOR MIN. LEVEL	VALUE L1=	FOR MAX.			
(mm)	A= (mm)	(mm)	LEVEL			
(111111)	A- (IIIII)	(111111)	B= (mm)			
90	H= 35		•			
100	H= 45					
110	H= 55					
120	116					
140	137					
160	158					
180	179	90	62 H1= 35			
200	200	100	62 H1= 45			
220	221	120	131			
240	242	140	152			
260	263	160	173			
280	284	180	194			
300	305	200	215			
320	326	220	236			
340	347	240	257			
360	368	260	278			
380	389	280	299			
400	410	300	320			
420	431	320	341			
440	452	340	362			
460	473	360	383			
480	494	380	404			
500	515	400	425			
520	511	420	421			
540	532	440	442			
560	553	460	463			
580	574	480	484			
600	595	500	505			
620	616	520	526			
640	637	540	547			
660	658	560	568			
680	679	580	589			
700	700	600	610			
720	721	620	631			
740	742	640	652			
760	763	660	673			
780	784	680	694			
800	805	700	715			
820	826	720	736			
840	847	740	757			
860	868	760	778			
880	889	780	799			
900	910	800	820			
920	931	820	841			
940	952	840	862			
960	973	860	883			
980	994	880	904			
1000	1015	900	925			



L-L1 = 100 mm A-B = 90 mm

H = 35 (L = 90 mm) H = 45 (L = 100 mm) H = 55 (L = 110 mm) H = 60 (L = 120 - 500 mm) H = 90 (L = 501 - 1000 mm) H1 = 35 (L1 = 90) H1 = 45 (L1 = 100) H1 = 70 (L1 = 120 - 1000 mm)

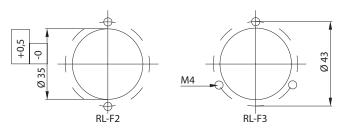
# 

### **ADVANTAGES OF THE RANGE**

- 1- These electromagnetic level gauges in Kits can be obtained in the required length "L" simply by cutting the control rod with an ordinary pipe cutter and press fitting the float in the cutting place (see table for cutting).
- 2- The control rod can commutate the signal of 1 or 2 Reeds in sequence (with single or exchange contact).
- 3-The float does not hold magnets, therefore the Level can also be used in the presence of dirty liquids or ferrous particles.

H = 35 (L = 90 mm) H = 45 (L = 100 mm) H = 55 (L = 110 mm) H = 60 (L = 120 - 500 mm) H = 90 (L = 501 - 1000 mm)

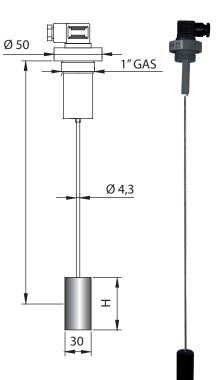
### **FIXING DIAGRAM**



### **CONNECTION:**

Connector CE DIN 43650 IP65 PG.9





VERSION	CONNECTION	ELECTRICAL CONTACTS					REED	EXCHANGE REED		URE	<u>.</u>
RL / G1 - F3 (F2)	FLANGE 3 / 2 HOLES	S1= CLOSED IN ABSENCE OF LIQUID	S1A= CLOSED IN PRESENCE OF LIQUID	S2= EXCHANGE	S3= MINEMPTY	S4= SPECIAL MIN EMPTY	V.A. AC	/.A. /AC	VDC	PERATI	RE 10 Baı
RL / G1 - 1"GAS	1" GAS	1	1	3 2	3		N 60V. 230 VA	V 20V.	V 500	G TEM C ON I 120°C	RESSUR
RL / G1 - 1"1/4 GAS	1" 1/4 GAS			• •		T 1 mmg	A. 60W 30VDC 2	1A. 20W 150VDC	A. 30V	ATIN +80°C	MAX. PR
RL / G1 - 1"1/4 NPT	1" 1/4 NPT	2	2		2		8 %	15	0,5	OPEF -20	Ž