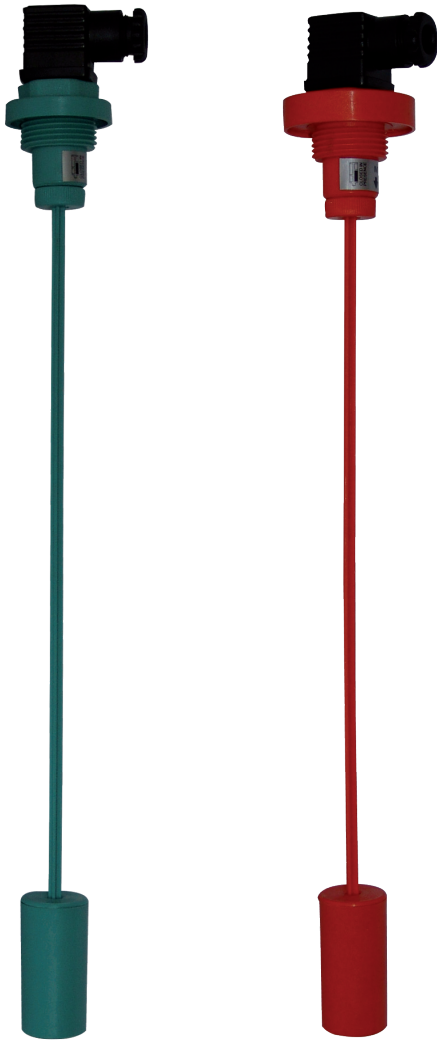


# MG - Mini Genius

ENTIRELY IN PLASTIC MATERIAL FOR SMALL CONTROL UNITS



## \* EASY TO USE

there are two scales (oil and water) on the rod, that indicate the exact cutting place for obtaining the required switching point.

## \* SAFE

- a) the level switch has structural separation of the electrical part from the tank;
- b) insensitive to dirty liquids and metal particles.

## \* VERSATILE

- a) it can have two types of fixing (flange + thread) at the same time;
- b) the electrical contacts are reversible (N.O. / N.C. in pres.) with an operation of just a few seconds.

## \* COMPATIBLE

all parts of the level switch are made from the same material (nylon-glass /polypropylene-glass), to make chemical compatibility checking very easy.

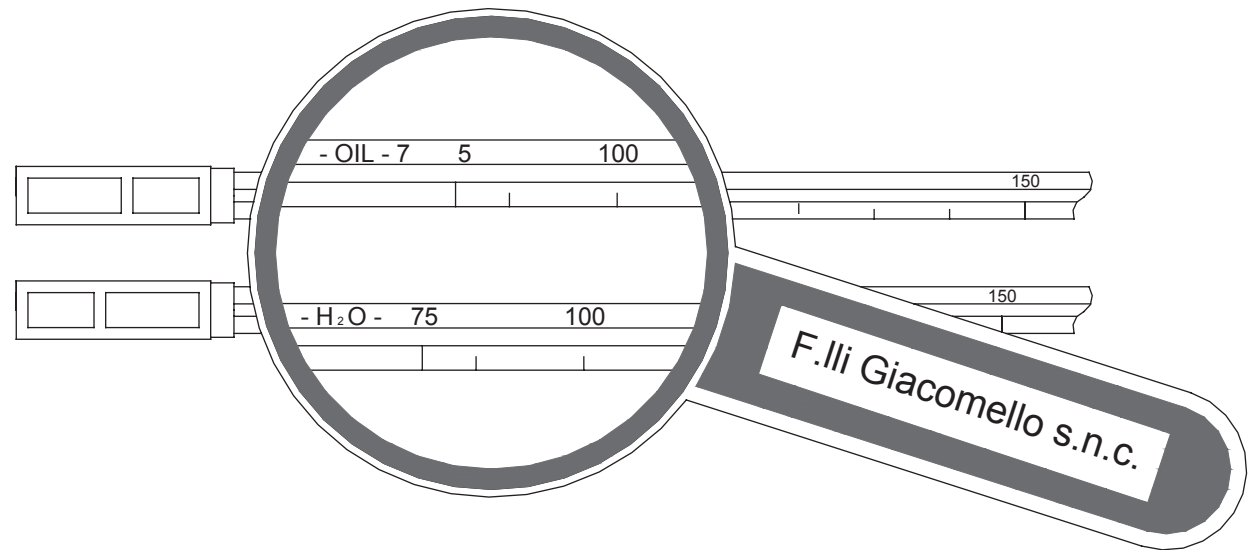
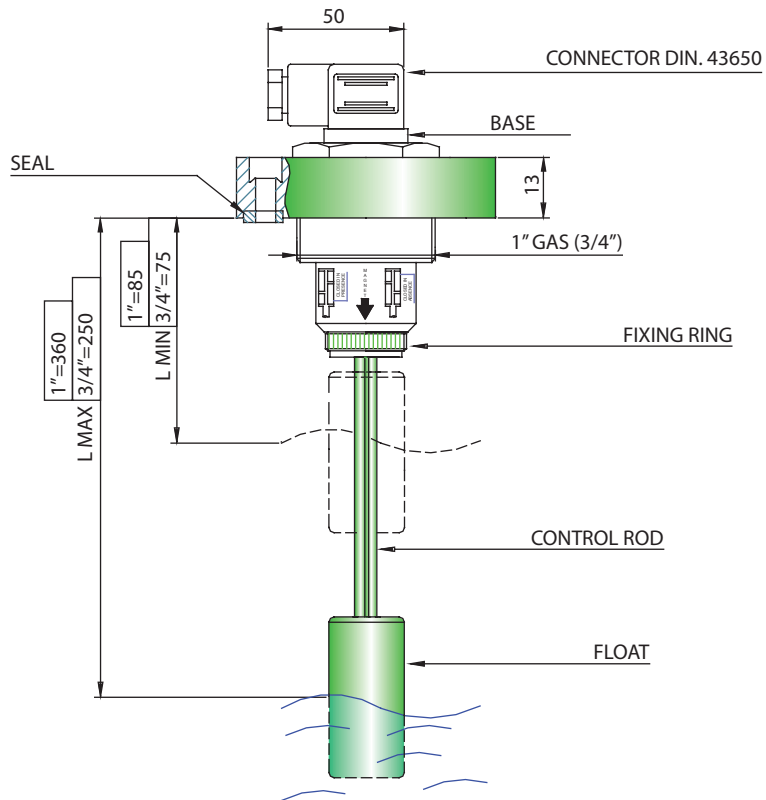
## \* CONVENIENT

this level switch is not only the newest and most reliable available on the market from a technical standpoint, but is also the best in terms of quality value for money.

# MG - Mini Genius

The brand-new MG range is the result over 20 years' experience in the field of level switches. This product is a happy synthesis of problems solved and universal use... nothing has been left to chance.

For dealers, it is the right product to meet the needs of every customer (user). Extreme versatility and reliability are the main features of this "big - little" level switch.



Cutting the control rod.

After choosing the scale corresponding to the liquid used (water - oil), cut the control rod with nippers or scissors at the place corresponding to the control level (see level "L"); then join the float to the rod, fitting it in the special seat.

# MG - Mini Genius

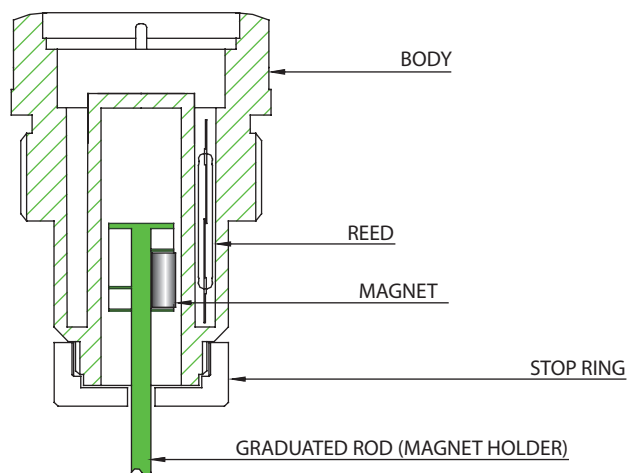
The level switch has the electrical part completely separate from the liquid and perfectly protected on the connector side.

The result is a safer product.

Production currently provides for the base body with 1" Gas thread (3/4" on request).

A flange with 3 holes (Ø55) or 6 holes (Ø70) can be welded to it (see table).

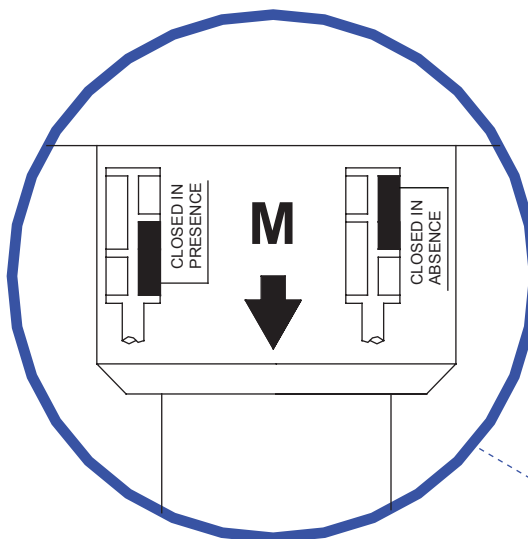
Moreover, by ordering the flanged (3 or 6 holes) level switch the user will also have a 1" Gas thread connection (3/4" Gas on request) available, for further fixing possibilities.



A main feature of the MG range is reversibility: by shifting the position of the magnet (M) it is possible to have the contact CLOSED IN PRESENCE or CLOSED IN ABSENCE of liquid.

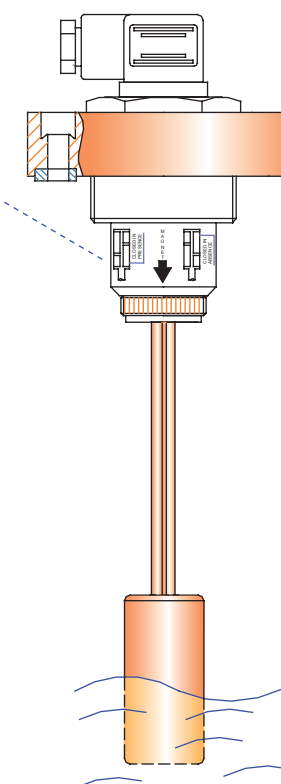
Everything is made even easier by the presence of a label above the body, which makes positioning of the magnet inside the body clear and immediate.

Except for particular cases, it is no longer necessary to order an SPDT exchange contact.



MG range level switches are insensitive to dirt or ferrous particles in the liquid, as there is no magnet on the float and because the float is integral with the rod.

Unlike the other level switches, all the components (body - rod - float - etc.) of the MG series are made from the same material; this makes it very easy to consult the compatibility tables and choose the right material needed.



The MG can be ordered in:  
nylon-glass for use with:

- water
- oil
- alcohol
- vinegar
- petroleum
- petrol

polypropylene - glass  
(on request) suitable for:

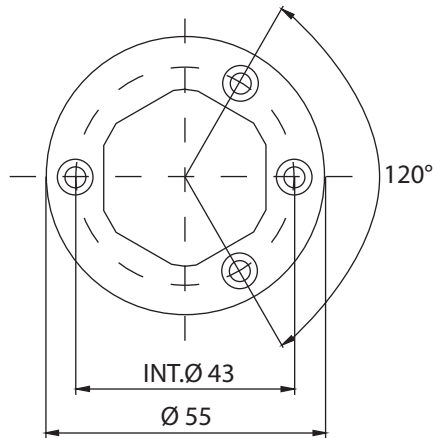
- distilled water
- ethyl alcohol
- detergents
- soda
- benzol

# MG - Mini Genius

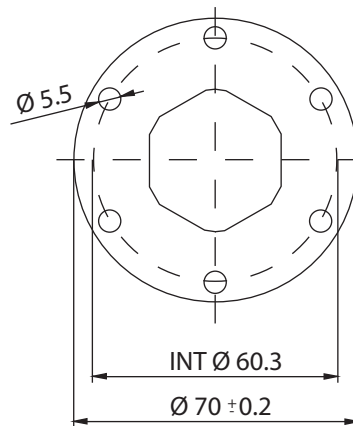
## SUMMARY CHART

MODEL	CHARACTERISTICS	MATERIAL	Ø FLOAT	"L" ROD	CONTACT	OPERATING TEMPERATURE	PRESSURE	ELECTRICAL CONTACTS		REED									
MG - 1" - S1 (S1A-S2)	1" GAS	NYLON	30	360	REVERSING ( IF NOT OTHERWISE IN DEMAND COMES FURNISHED WITH CONTACTING N.C. IN ABSENCE - S1)	"-20 + 80°C" ON REQUEST 100°C	3 BAR AT 20°C	S1= N.C. IN ABSENCE.	S2 (EXCHANGE)	S1 (S1A)	S2 (EXCHANGE)								
MG - 1" - F3 - S1 (S1A-S2)	1" GAS + 3 HOLES		S1A= N.C. IN PRESENCE																
MG - 1" - F6 - S1 (S1A-S2)	1" GAS + 6 HOLES																		
MG - P - 1" - S1 (S1A-S2)	1" GAS	P.P.	30	360		"-20 + 80°C"		3 BAR AT 20°C		2A. 40W. 40V.A. 230VDC / VAC	1A. 20W. 20V.A. 150VDC 150 VAC								
MG - P - 1" - F3 - S1 (S1A-S2)	1" GAS + 3 HOLES																		
MG - P - 1" - F6 - S1 (S1A-S2)	1" GAS + 6 HOLES																		
MG - 3/4" - S1 (S1A-S2)	3/4" GAS	NYLON	23	250		"-20 + 80°C" ON REQUEST 100°C						3 BAR AT 20°C		2A. 40W. 40V.A. 230VDC / VAC	1A. 20W. 20V.A. 150VDC 150 VAC				
MG - 3/4" - F3 - S1 (S1A-S2)	3/4" GAS + 3 HOLES																		
MG - 3/4" - F6 - S1 (S1A-S2)	3/4" GAS + 6 HOLES																		
MG - P - 3/4" - S1 (S1A-S2)	3/4" GAS	P.P.	23	250		"-20 + 80°C"										3 BAR AT 20°C		2A. 40W. 40V.A. 230VDC / VAC	1A. 20W. 20V.A. 150VDC 150 VAC
MG - P - 3/4" - F3-S1 (S1A-S2)	3/4" GAS + 3 HOLES																		
MG - P - 3/4" - F6-S1 (S1A-S2)	3/4" GAS + 6 HOLES																		

FLANGE 3 HOLES



FLANGE 6 HOLES



CONNECTION:

Connector CE  
DIN 43650 IP65 PG.9

