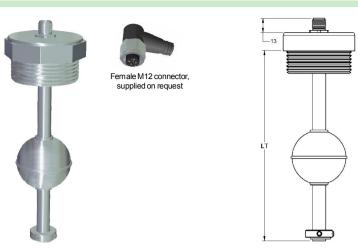


IMN TC12 INOX



MAGNETIC LEVEL SWITCH



lero	eral	Operating principle	<u> </u>	ed inside the float and moves due	ed switch located inside the tube, which to the thrust of the liquid.						
ב כי	General	Application									
		Manufacturing	Are customized to suit the installation conditions.								
Caiolog	Housing	Electrical connection Material Protection Temperature (T _a)	Miniature M12 connector. The female connector is not provided Nickel plated brass IP 67								
		remperature (r _a)	-25+05 C	-25+85 °C							
A POOR	Body	Guide tube Length Temperature Mounting position	SS AISI316 (1.4401). Ø12 mm 903500 mm -40+125 °C Vertical, ±15°								
		Thread	1"1/2 G	2" G							
2	\subseteq	Material	SS AISI31								
÷	Ĕ	⊏ e/c (mm)	50	64							
Š	ĕ	LR (mm)	2								
2	ř	LCP (mm)	10	12							
Drococo	Process connection	Be tempted to float is narrower than the width of thread	• •								

	Mardal		
	Model	FCI602M13	FEI601M13
	Material	SS AISI31	6L (1.4404)
	Dimension (mm)	Ø 44x63	Ø 52x52
	Pressure (kg/cm²)	15	30
Floats	Density (g/cm³)	e > 0,75	e > 0,76
<u> </u>	FS / FH (mm)	15,8 / 47,2	12,5 / 39,5
ш	- FN FH		

Be tempted to float is narrower than the width of thread

ts	Nr. of contacts	13						
Contacts	Class	NO: 120 WVA / 250 VAC-3A NC-NO/NC: 60 WVA / 230 VAC-1A						
ပိ	Distance between them	> 40 mm						
_		Normal execution without inner filling. Applicable to most applications.						
ţ	Standard	Normal execution without inner filling. Applicable to most applica	itions.					
ection		Normal execution without inner filling. Applicable to most applica Anti-condensation effect. In installations where there are large						
rotection		Anti-condensation effect. In installations where there are large	temperature differentials.					

How to determine the sensor settings

Determine the total length according to the characteristics of the shell and the liquid level to be controlled.

According to the maneuver you wish to perform, determine the amount, location and type of contacts. Use the table below to define these characteristics.

Contacts: To set the type of contact (NO, NC, NONC) should be without the presence of the float. For example, if you want the lower end of the sensor contact opens when the tank runs out of fluid, seek an NC contact for the position.

Direction of action (+ 1): Set the direction of action of the float (the filling or emptying) allows more precise adjustment of the position of the contacts to the point of desired performance.

Electrical connection: If not otherwise specified explicitly, provide a common connection to all the contacts and an active connection for each of them, according to the diagram below.

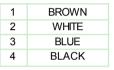
Additional floats: The sensor comes equipped by default with a single float, the lower stop and if required, the upper stop. Can request as many additional floats as many contacts as necessary.

Conditions of work: Check that the conditions of pressure, temperature and density of your system match those offered by the model chosen. If you have questions regarding the behavior of materials in contact with the liquid you want to control, see chemical resistance chart on our website.

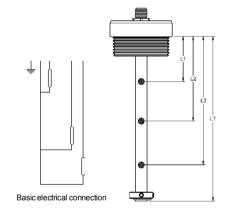
Apart from the possibilities listed here, there are others such as other floats, various electrical connections, etc. For any of these combinations refer to our document, "Connections and schema IMN" section in our website.











	mm	NO 	NC _/L	NONC E	<u> </u>	<u>+</u>	Stop
L1							
L2							
L3							
LT							

Use this document to define the data of sensor and attach it at the time of ordering. Specify in mm. total length of the sensor.

Specify in mm. the position of each of the contacts used in your application. Place an "X" the type and direction of action of each contact.

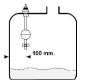
In the case of using additional floats, mark an "X" between what contacts should be placed caps separators.

In the composition table references check boxes next to the selected features.

REFERENCE	'	/ERSION	PRO	CESS		FLOAT	T	OTAL LENGTH	Nr.	CONTACTS	Nr	FLOATS
IMN TC12 INOX	_	Standard Protected Insulated	□ P08 □ P10	1"1/2 G 2" G	_	FCI602M13 FEI601M13	L	903500 mm	□ C2	1 contact 2 contacts 3 contacts		1 float 2 floats

To compose a reference, select an option from each of the columns. Example: IMN TC12 INOX V1 P08 F18 L500 C1 N1





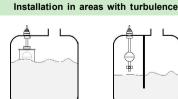
If the tank is metal walls, the probe will separate from them at least 100 mm.



The maximum slope should be ±15°



Place the sensor as far as possible from areas turbulence.



Still pipe. Protects the race of the float of the turbulence.



Separating wall



PSIA, DSIA relay: or discouragement. Differential control of max. and min. by timing.













