			1/3
	DISIBEINT		
	I	MN TCM INOX	
LE	AGNETIC EVEL WITCH		
	Operating principle	The IMN level magnetic sensors are based on the action is activated by a magnet housed inside the float and mo	
General			ves uue เบ แกะ แทเนรเ บท แทย IIquiu.
e C		<ul> <li>For the detection of one or more points in liquid level.</li> <li>Used in maneuvers for filling, emptying, overflow alarm</li> </ul>	n, etc.
	-	Are customized to suit the installation conditions.	
Bui	Electrical connection Protection		
Housing	Temperature (T <sub>a</sub> ) Cable gland	-20+90 °C PG 9	
	Ø Cable hose (mm)		
>		SS AISI316 (1.4401). Ø8 mm	
Boay	Length Temperature		
	Mounting position	Vertical, ±15°	
_	Thread Material	1" G 1"1/4 G SS AISI316 (1.4401)	
CIIO	LR (mm)	16 17	
	LCP (mm) (⊂ e/c (mm)	<u> </u>	
Process connection		- e/c -	
ces	Do toward to float in		
2	Be tempted to float is narrower than the		
	width of thread		
	Model Material	FCI601M09 SS AISI316L	
		(1.4404)	
2	Dimension (mm) Pressure (kg/cm <sup>2</sup> )	Ø 29x29 e > 0,71	
	Density (g/cm³) FS / FH (mm)	9,3 / 22,7	
		27b	
	-FS FH		
acts	Nr. of contacts Class	13 NO: 40 WVA / 230 VAC-2A	
Contacts		NC-NO/NC: 20 WVA / 150 VAC-1A	
ו	Distance between them	> 40 mm	
5	Standard	Normal execution without inner filling. Applicable to mos	et applications
Protection	Protected	Anti-condensation effect. In installations where there a	are large temperature differentials.
	Insulated	Filled with epoxy resin. Establishing a higher degree of	tightness.

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.

<u>Contacts</u>: 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.

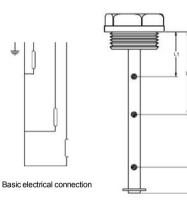
Direction of action ( + ±): Set the direction of action of the float (the filling or emptying) allows more precise adjustment of the position of the contacts to the point of desired performance.

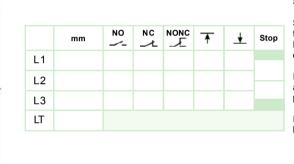
<u>Electrical connection</u>: If not otherwise specified explicitly, provide a common connection to all the contacts and an active connection for each of them, according to the diagram below.

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.

<u>Conditions of work</u>: 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.





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.

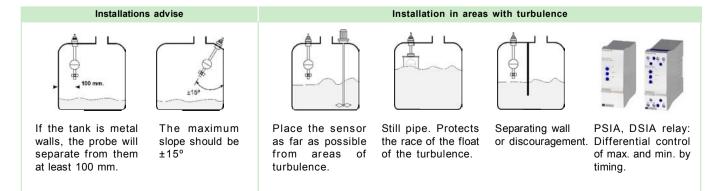
Specify in mm. the position of each of the contacts used in your application. Place an "X" the type and direction of action of each contact.

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

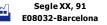
In the composition table references check boxes next to the selected features.

REFERENCE	VERSION		PROCESS		FLOAT		TOTAL LENGTH		Nr. CONTACTS		Nr. FLOATS	
IMN TCM INOX		tandard rotected isulated	□ P06 □ P07	1" G 1"1/4 G	🗆 F13	FCI601M09	L	503500 mm	□ C1 □ C2 □ C3	1 contact 2 contacts 3 contacts	□ N1 □ N2	1 float 2 floats

To compose a reference, select an option from each of the columns. Example: IMN TCM INOX V1 P06 F13 L500 C1 N1









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