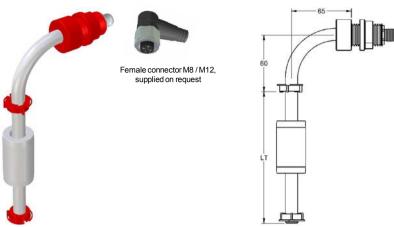


IMN RCA PVC



LEVEL MAGNETIC SWITCH

S	WITCH	J		ļ					
General	Operating principle			on the action of a reed sw at and moves due to the t	itch located inside the tube, which is thrust of the liquid.				
Gen	Application	For the detection of one or more points in liquid level. Used in maneuvers for filling, emptying, overflow alarm, etc. Are customized to suit the installation conditions.							
	Manufacturing	Are customized to sui	t the installation condi	tions.					
Housing	Electrical connection	Miniature connector, o · M8 (3/8" G) · M12 (1/2" G) Female connector, op		the process connection:					
₫	Material	Nickel plated brass							
_	Temperature (°C)	-25+85 °C							
	Protection								
Body	Guied tube and stops	1001100 mm. Ø12 mm (PVC)							
ă	Temperature	-10+60 °C							
	Mounting position	Mounting position Bent in 90° elbow							
<u></u>	Thread	3/8" G	1/2" G	E					
둉	Material		VC	_ =					
ne	Connector	M8	M12						
- L	E (mm)	8	13						
ŏ	LR (mm)		30						
SS	LCP (mm)		15						
Process connection	_C e/c (mm)	24	25	e/c-					
	Model		• • • • • • • • • • • • • • • • • • • •						
	Material		04M14						
	Material	F	P						

	Model	FCPP04M14			
	Material	PP			
	Dimension (mm)	Ø 29x50			
"	Pressure (kg/cm²)	3			
ate	Density (g/cm³)	e > 0,6			
Floats	FS / FH (mm)	20 / 30			
	FSE				
	FH				

Contacts	Nr of contacts	13
	Class	NO: 120 WVA / 250 VAC-3A
		NC-NO/NC: 60 WVA / 230 VAC-1A
	Voltage maximum	· M8: 30 VAC
		· M12: 250 VAC
	Distance between them	> 40 mm

ction	Standard	Normal execution without inner filling. Applicable to most applications.
tec	Protected	Anti-condensation effect. In installations where there are large temperature differentials.
Prot	Insulated	Filled with epoxy resin. Establishing a higher degree of tightness.

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.

<u>Direction of action</u> (\uparrow \downarrow): 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.

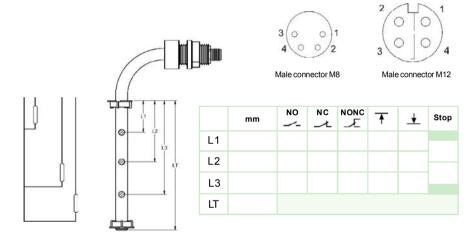
<u>Electrical connection</u>: If not otherwise specified explicitly, provide a common connection to all the contacts and an active connection for each of them, according to the diagram below.

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 other connectivity options and combination of floats and contacts, see our document "Connections for Switches Magnetic Level" you will find on the "Utilities / Tables" our website.



1	BROWN
2	WHITE
3	BLUE
4	BLACK

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 composition table references check boxes next to the selected features.

Basic e	lectric	conne	ection

REFERENCE	VERSION		PROCESS		FLOAT		TOTAL LENGTH		Nº CONTACTS		N° FLOATS	
IMN RCA8 PVC	□ V1	□ V2 Protected	□ P03	3/8" G		FCPP04M14 FCPP05M18	L 10	1003500 mm	□ C1	☐ C1 1 contact ☐ C2 2 contacts	□ N1	1 float
IMN RCA12 PVC	_		□ P04	1/2" G					_	3 contacts	□ N2	2 floats

To compose a reference, select an option from each of the columns. Example: IMN RCA8 PVC P03 F51 L500 C1 N1

