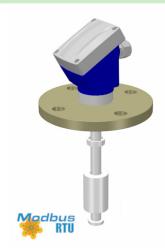
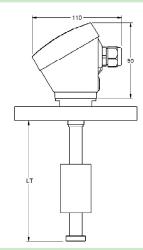


IMN DB PVDF





MAGNETIC LEVEL SWITCH



Operating principle The IMN level magnetic sensors are based on the action of a reed switch located inside the tube, which is activated by a magnet housed inside the float and moves due to the thrust of the liquid. General

Application

· For the detection of one or more points in liquid level.

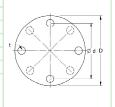
· Used in maneuvers for filling, emptying, overflow alarm, etc.

Manufacturing Are customized to suit the installation conditions.

Electrical connection Connection housing. PBT. 64x95x110 mm Housing Protection IP67 -20..+80 °C Temperature (T_a) Cable gland M20 x 1,5 mm. PA. IP68 Ø Cable hose (mm) 6..12 mm

100..3500 mm. Ø16 mm (PVDF) Guide tube and stops Body -10..+60 °C Temperature Vertical, ±15° Mounting position

_	Flange	DN25	DN32	DN40	DN50	DN100
connection	Material		PP	(Polypropyl	ene)	
ਨੂ	n x t (mm)	4x14		4x18		8x18
ne L	Ø d (mm)	85	100	110	125	180
- -	D (mm)	115	140	150	165	220
	Thickness (LCP) (mm)		10			
Process						
õ						
₫.						



	FODEOOMAO
Model	FCPF09M18
Material	PVDF
Dimension (mm)	Ø 38x60
Pressure (kg/cm²)	2
Density (g/cm³)	e > 0,71
FS/FH(mm)	17,4 / 9,9
_FS_E	9
FH 📙	
	Dimension (mm) Pressure (kg/cm²) Density (g/cm³)

ts	Nr. of contacts	15
ontacts	Class	NO: 120 WVA / 250 VAC-3A NC-NO/NC: 60 WVA / 230 VAC-1A
ပိ	Distance between them	> 40 mm

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

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.

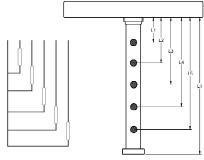
Direction of action (+): Set the direction of action of the float (the filling or emptying) allows more precise adjustment of the position of the contacts to the point of desired performance.

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.



<u> </u>	Ш
Pagia algotrical connection	

	mm	NO	NC Ł	NONC	<u> </u>	<u>+</u>	Stop
L1							
L2							
L3							
L4							
L5							
LT							

Use this document to define the data of sensor and attach it at the time of orderina.

Specify in mm. total length of the sensor.

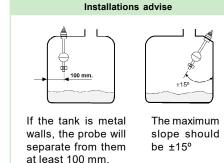
Specify in mm. the position of each of the contacts used in your application. Place an "X" the type and direction of action of each contact.

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 DB PVDF	□ V1 □ V2 □ V3	Standard Protected Insulated	□ P34 □ P35 □ P36 □ P37 □ P39	DN25 DN32 DN40 DN50 DN100	□ F60	FCPF09M18	L	1003500 mm	□ C3	0 00		1 float 2 floats 3 floats

To compose a reference, select an option from each of the columns, Example; IMN DB PVDF V1 P36 F60 L500 C1 N1









Still pipe. Protects Separating wall the race of the float or discouragement. of the turbulence.

Installation in areas with turbulence



PSIA, DSIA relay: Differential control of max. and min. by timina.



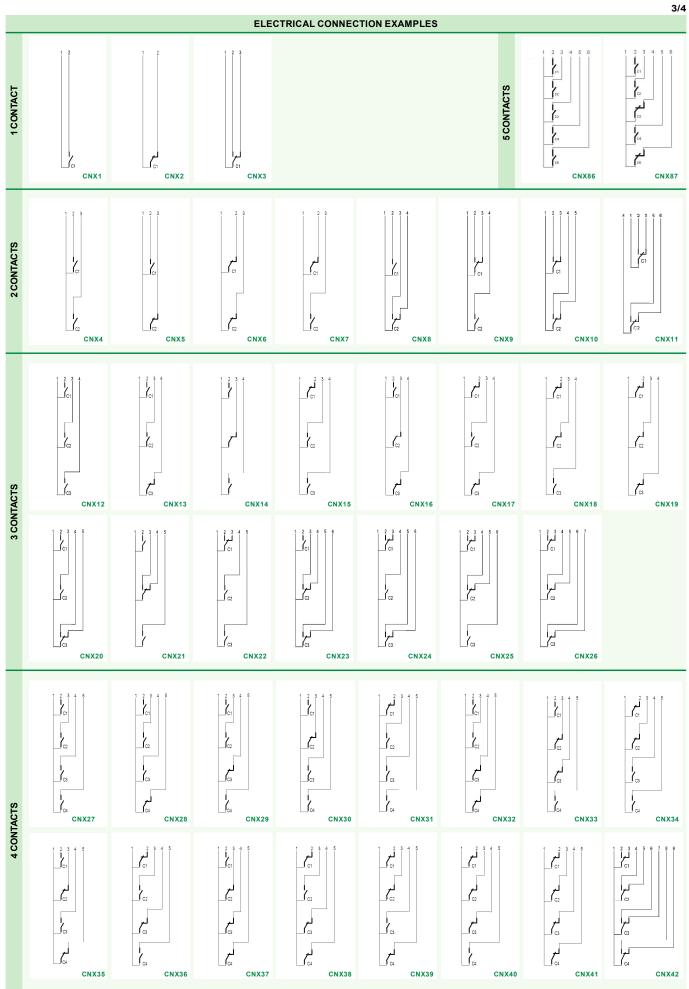








Segle XX, 91



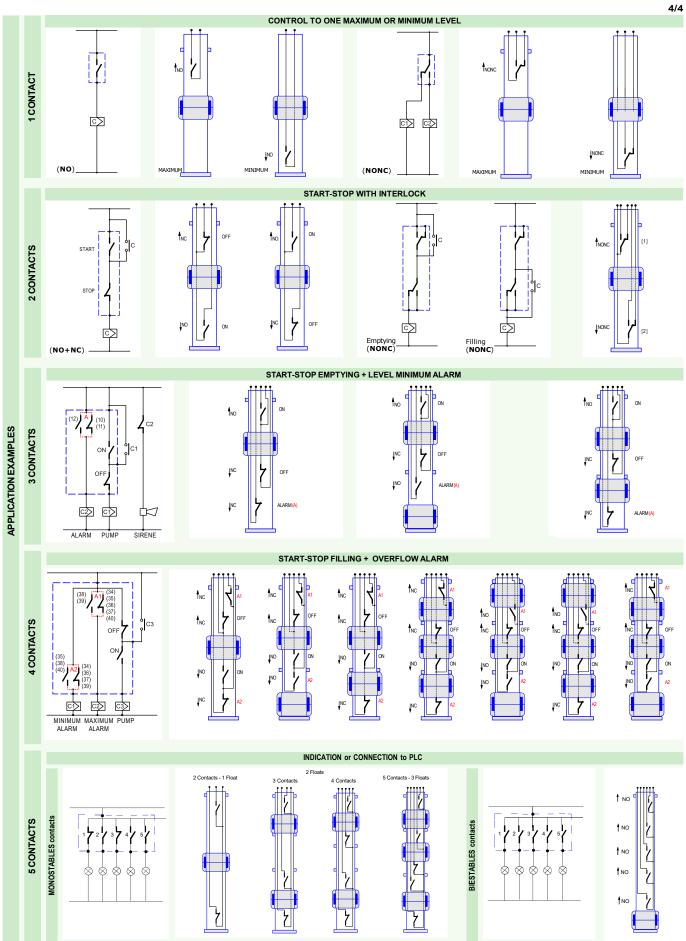
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