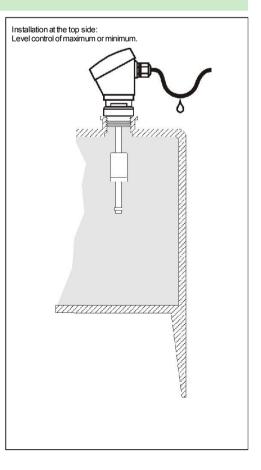
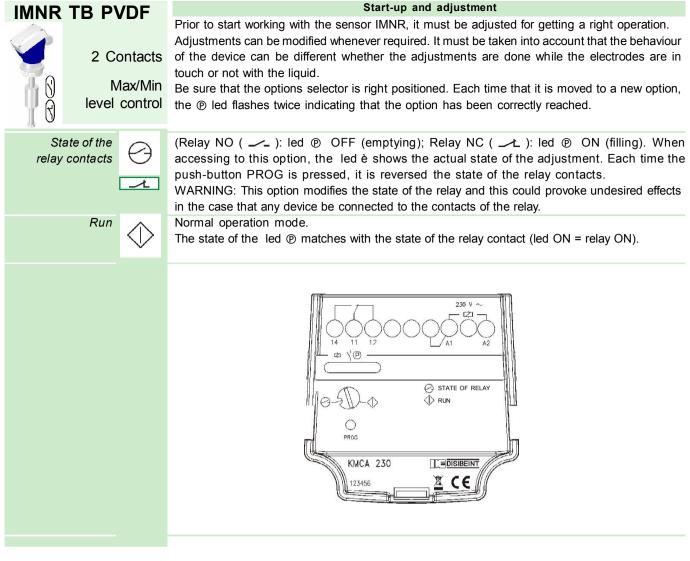


## Assembly conditions

<u>Handling</u>: Do not use the housing to screw the sensor into the fitting. Use a tool 40 mm wide at the steel part on the thread. Once tighted, you can turn the housing 350° with your hand until it be placed in the right position.

<u>Electrical connection</u>: Use a cable according with the load the relay will manage. It is convenient that the cable gland completely tight the cable of the electrical connection, and it becomes essential in the event of humidity or when installed outdoor. In these cases, make a loop in the cable to facilitate the removal of accumulated drops (see figure).

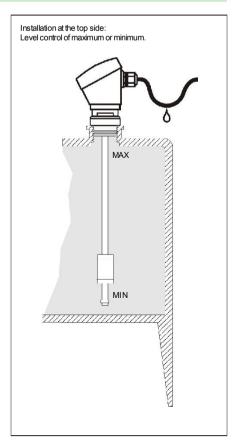


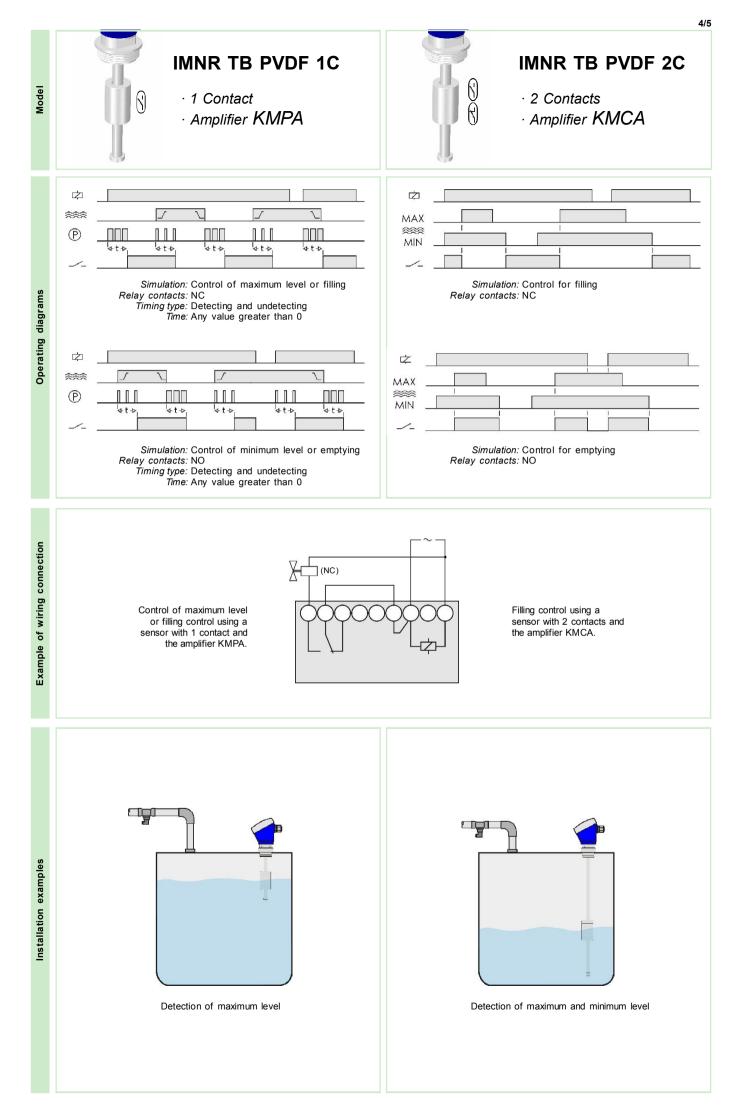


## Assembly conditions

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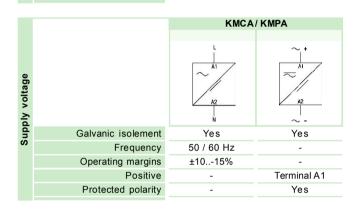
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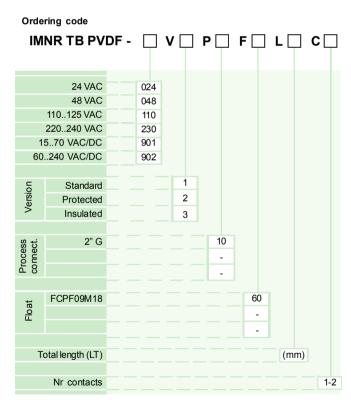




		5/5	
		KMCA/KMPA	
ta	Voltage phase-neutral	300 V	
	Overvoltage category	III	
	Shocking voltage	4 kV	
	Pollution degree	2	
da	Protection class	IP 20	
Constructive and enviromanetal data	Storing temperature	-50+85°C	
	Operating temperature	-20+50°C	
	Humidity	3085% HR	
	Housing	Cycoloy - Light Grey	
	Socket	Lexan - Light Grey	
	Leds window	Lexan - Transparent	
	Buttons and terminal blocks	ttons and terminal blocks Technyl - Dark Blue	
	Terminals	Terminals Nickled brass	
	Norms	Designed and manufactured	
		under EEC standards.	
		Directive for electromagnetic	
		compatibility 2004/108/EEC.	
		Directive for low voltage	
		2006/95/EEC.	
		Plastics: UL 91 V0	

			KMCA	KMPA
				16 18
Output relay		AC	6 A / 250 V	
	Resistive load	DC	,	200 V
			• • • •	24 V
	Inductive load	AC	3 A / 250 V	
		DC	3 A / 24 V	
	Mechanical life		> 30 x 10 <sup>6</sup> operations	
0	Max. mechanical operations Electrical life at full load Contact material		72.000 operations / hour	
			360 operations / hour	
			AgNi 0.15	
	Maximum voltage		400 VAC	
	Operating voltage		400 VAC	
	Volt. between changeovers		1000 VAC	
	Voltage between contacts		1000 VAC	
	Voltage coil/contact		4000 VAC	
	Distance coil/contact Isolation resistance		8 mm	
			> 10⁴ MΩ	





To compose the reference, select an option from each of the boxes To manufacture the sensor must specify the height of each of the contacts L1/L2 (see dimensions on page 1).

## Example:

IMNR TB PVDF 048 V1 P10 F60 L500 C2 - L1: 150 L2: 430

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Table 1: Process connection

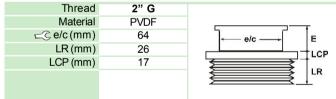


Table 2: Floats

Model	FCPF09M18
Material	PVDF
Dimension (mm)	Ø 38x60
Pressure (kg/cm <sup>2</sup> )	2
Density (g/cm <sup>3</sup> )	e > 0,71
FS/FH(mm)	17,4 / 9,9
- FS FH	Ĵ

## Table 3: Protection

Standard	Normal construction, without any internal filling.
Protected	Filled with anticondensation gel.
Insulated	Filled with epoxy resine, flexible.