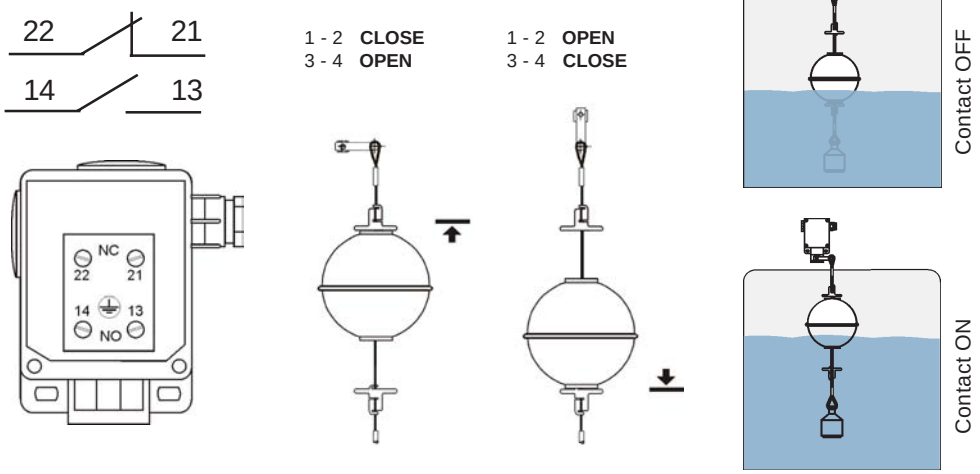
INMB

TILTED LEVEL SWITCH

Application field	Control of the level of liquids between the chosen limits in tanks and vessels at atmospherc pressure.
Operating principle	It is activated by the action of a float who, pushed by the liquid, when moves up raises the counterweight, facilitating the action of the handle of the micro-switch mechanism and switches its position. When the level gopes down the inverse action is performed.
Attachment	By means of screws, through two holes of ø5,3 mm.
Float	Spherical ø110 mm. SS AISI316 (1.4401).
Counterweight material	SS AISI303 (1.4305).
Guide cable	SS AISI316 (1.4401). Standard 2 m.
Switch material	Aluminium.
Output contact	SPDT 10A/380VAC
Protection	IP66
Electrical cable input	3 x PG11
Operating temperature	Micro-switch: -20..+70 ºC - Float: +200ºC
Assembly	Must be installed over the tank with a support adapted for its fixation. Its assembly does not prevent that the deposit can have a cover to preserve the liquid of the dust. A small hole on the cover is enough for the free sliding of the guide cable. For the good operation of the switch it is necessary that the counterweight located in the lower part does not touch the bottom of the tank.
Electrical connection and examples	



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