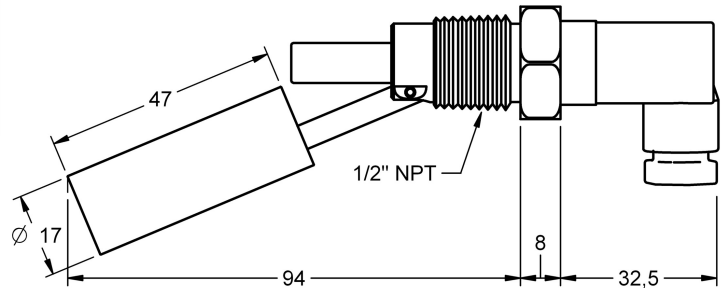
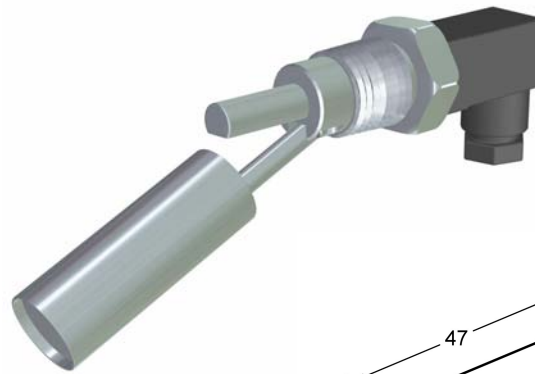


IMN 52 TC INOX

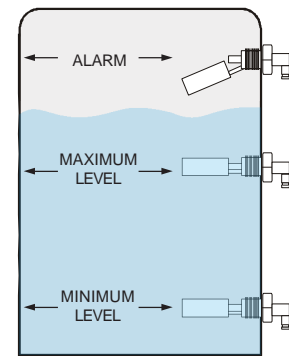


LEVEL MAGNETIC SWITCH



| | | | | |
|--------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
| General | Operation principle | The IMN magnetic sensors are based level in the action of a reed switch located inside the tube, which are activated by a magnet housed inside the float and moves due to the thrust of the liquid. | | |
| | Application | <ul style="list-style-type: none"> For detection of a only point liquids level. Used in maneuvers for filling, emptying, overflow alarm, etc. | | |
| Housing | Electrical connect. | By two-wires hose. | | |
| | Length | 0,5 m. Others lengths on request. | | |
| | Cable material (Temperature) | Silicone (130 °C) | | |
| Body | Guided tube | SS AISI304 (1.4301) | | |
| | Temperature | -40..+120 °C | | |
| | Mounting position | Horizontal ±15° | | |
| | Protection | IP68 (in the submerged side) | | |
| Process connect. | Thread | 1/2" NPT | | |
| | Material | SS AISI304 (14301) | | |
| | E (mm) | 8 | | |
| | LR (mm) | 17 | | |
| | LCP (mm) | 8 | | |
| | e/c (mm) | 24 | | |
| | Float | Material | SS AISI304 (14301) | |
| | | Dimension (mm) | Ø17x47 | |
| Pressure (kg/cm ²) | | 5 kg/cm ² | | |
| Density (g/cm ³) | | 0,7 g/cm ³ | | |

Installation examples



Contacts

| | |
|-------|---------------------------------------|
| Class | 50 W VA / 300 VAC-0,5A |
| Type | NO or NC according to sensor position |
| | |

PRECAUTIONS

| | | | | |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <p>NO Shock</p> <p>Please do not drop, otherwise the characteristic might be changed.</p> | <p>NO Stretch</p> <p>Please do not pull cables strongly otherwise the characteristic might be changed.</p> | <p>NO Slant Way</p> <p>Please do not mount slant way, otherwise floats do not work correctly.</p> | <p>NO Vapour on Cables</p> <p>In case vapour splash cable potting points, insulation problem may be caused.</p> | <p>NO Vibration</p> <p>Vibration may cause chatter!</p> |
| <p>NO Magnet</p> <p>Please keep away from magnetic field, otherwise it might be misoperated.</p> | <p>NO Corrosive Liquid</p> <p>Please avoid using with liquids which damage materials of parts otherwise quality can not be maintained accurately.</p> | <p>NO Sink Whole Part</p> <p>Please do not clip cables potting points into liquids, otherwise insulation problem may be caused.</p> | <p>NO Close to Over Current</p> <p>In case connecting with motors directly, over ampere cause switching problem.</p> | <p>NO Magnetic Materials</p> <p>Please keep away from magr materials like iron board, othe the characteristic might be influenced.</p> |