

Control and regulation of liquid levels

- One piece press blown casing
- Electrical contacts protected by three watertight chambers
- 10 bar withstand pressure
- TUV, IMQ, ENEC certified



| | float switches | | submerged float switches | | | | |
|-----------------------------------|--|--------------|--|-----------------|--|---|---|
| type | microstart | minimatic | little mercury | | little | matic | matic |
| model | /I | /C | /MC | /HG | EX | /V/HG | /P/HG |
| application | for emptying or filling of tanks or cisterns | | regulation of particularly turbulent industrial water containing residues of suspended agglomerations or sewer water | | regulation of diesel oil, water and hydrocarbon mixture, motor oils, etc. | to control levels of water or liquid with vapour level to a max temp of 130°C | especially produced to maintain the air cushion in autoclaves |
| Switching method | micro switch | micro switch | switch | mercury bulb | switch | mercury bulb | mercury bulb |
| Contact configuration | 1 x N.O. | 1 x ch/over | 1 x ch/over | 1 x ch/over | 1 x ch/over (self cleaning) | 1 x NO | 1 x NO |
| Rated voltage | 250 VAC | 250 VAC | 250 VAC | 250 VAC | 9.6V | 60 VAC | 60 VAC |
| Switching current (resistive) | 10A | 10A | 10A | 10A | 21.4 mA | 0.25A | 0.25A |
| Switching current (inductive) | 4A | 4A | 4A | 4A | - | - | - |
| Maximum working pressure | 10 bar | 10 bar | 10 bar | 10 bar | 10 bar | 4 bar | 8 bar |
| Temperature limits | +55°C | +55°C | +55°C | +55°C | -20°C - +40°C | +130°C | +55°C |
| Differential degrees (horizontal) | 30° | 30° | 15° | 10° | 15° | 10° | 5° |
| Casing type | one piece blow moulded Polyurethane | | | | | 304 AISI stainless steel | blow moulded polyurethane |
| Water resistant | 100 meters | 100 meters | 100 meters | 100 meters | 100 meters | 100 meters | 100 meters |
| Electric cable | PVC | PVC | 3X1 RF60 A05VVF | 3X1 RF60 A05VVF | special cable (blue) | silicone | silicone |
| Dimensions (float) (H x W or Ø) | 140 x 70mm | 172 x 80mm | 138 x 76mm | 138 x 76mm | 138 x 76mm | 75mm Ø | 185 x Ø28.5mm |
| | inner chamber single blow moulded housing the switch due to compact dimensions of microstart can be installed directly onto submerged pumps | | internal weight controlling the rotation centre of gravity close to the cable connection | | level regulator ATEX certified for hazardous and potentially explosive areas. Group and category II 1G Striking Protection Eex ia Group of striking IIC Temperature class T6 | stainless steel 304 for high temperature applications (130°C) | slimline (1") float switch can be introduced into a tank through a 28.5 mm hole |
| | | | | | | | |
| With 5 meter cable | | | | | | | |
| With 10 meter cable | | | | | | | |
| Counter weight | | | | | | | |
| standard 100g | supplied | supplied | | | | | |
| metallic Ø28 mm 360g | - | - | | | | | |