

## SERIES 2000 LIQUID LEVEL SWITCHES

The Bayham Series 2000 range of level switches all incorporate a magnetic coupling between the float arm drive and the switch mechanism.

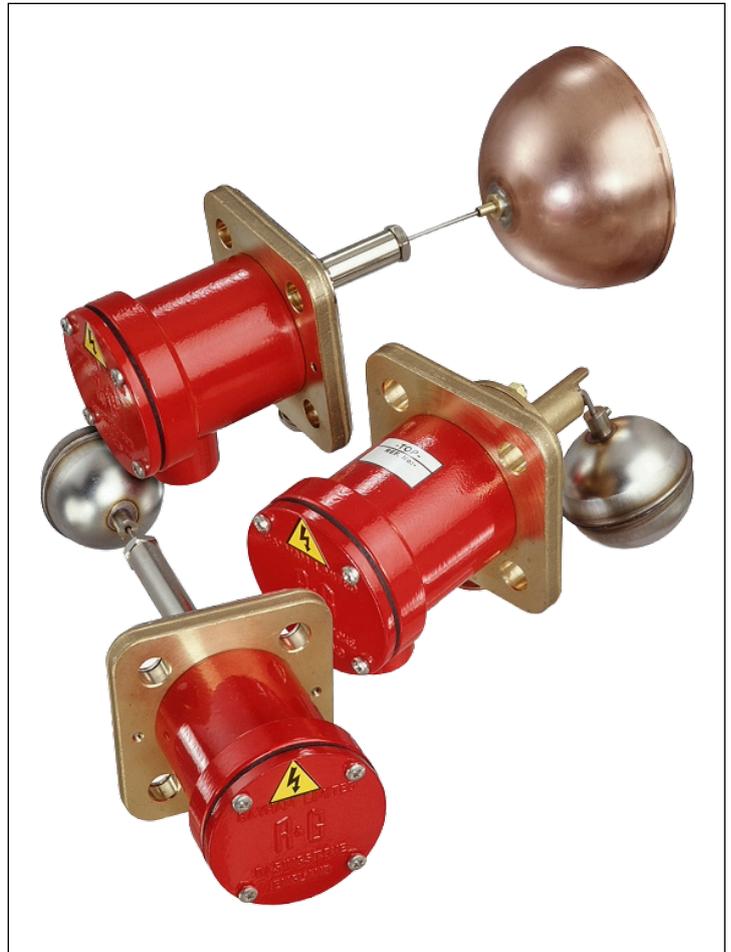
As the level of fluid rises or falls the float arm actuates a micro switch, via the magnetic drive, to provide a level alarm or pump control signal. Cable connection is via a C.M.20 entry or an optional side mounted junction box. One micro switch is fitted as standard. A second micro switch can be fitted on request which operates at the same switching level.

The 2000 switch is designed for side mounting on static tanks and has a fixed switching differential of 38 mm.

The 2010 switch is also designed for side mounting but can have switching differentials of up to 400 mm. It is particularly suitable for mobile level alarm applications and pump on/off control in small tanks.

The 2020 is a top fitting switch, normally used for high level alarm and tank overflow alarm duties. 2030 type switches are similar to the 2020, except they are fitted with a hemispherical float for use in sump level detection applications.

All of the Series 2000 switches are available with a choice of flange drill locations to suit most square flange tank pads. The Bayham standard B17 mild steel tank pad is available from stock.



### Applications

- Oil / Water Storage Tanks
- Diesel Oil Service Tank Level Control
- Transformer Oil Level Indication / Alarms
- Level Detection in Sumps and Bunds

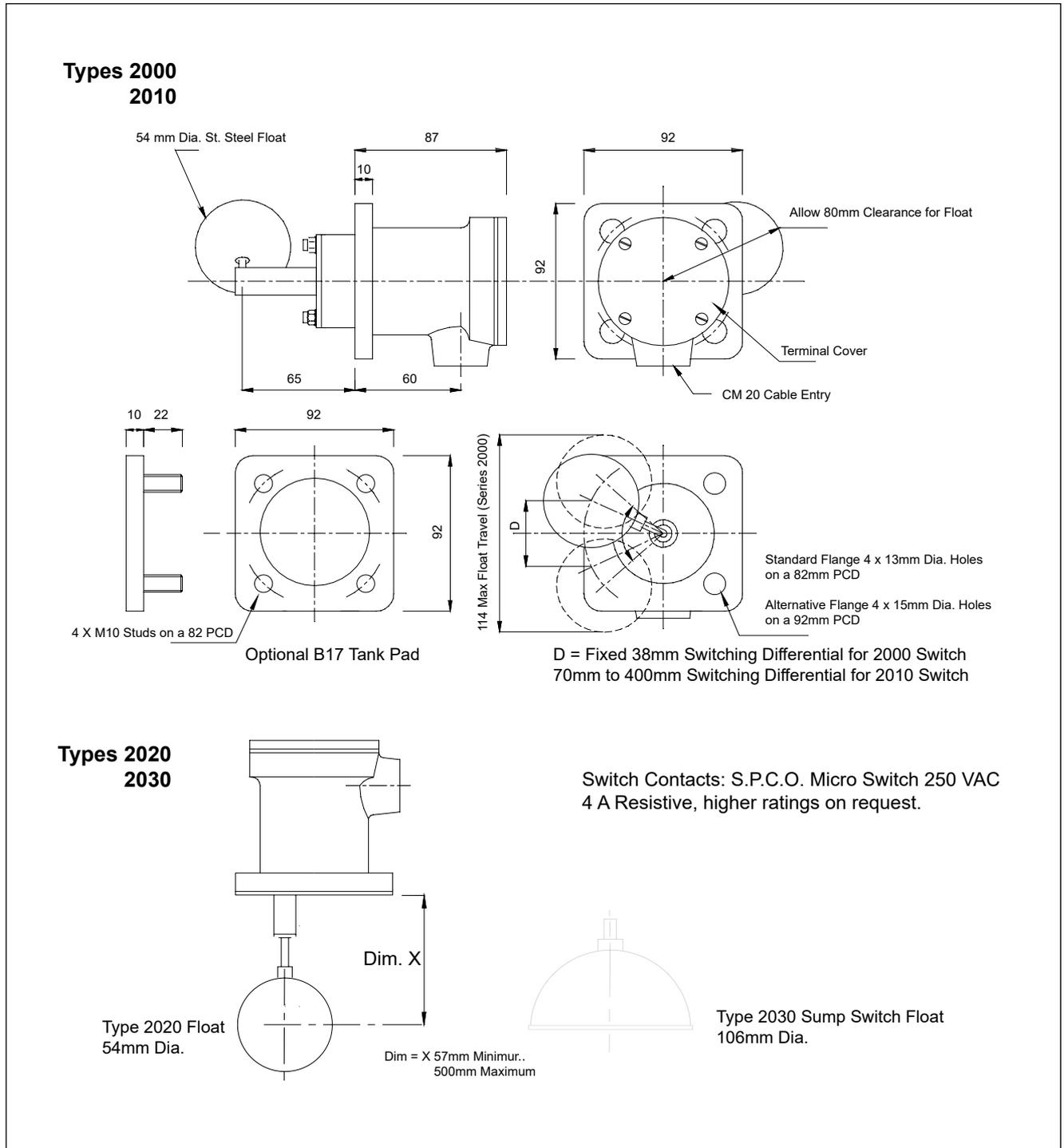
### Features

- Robust Construction
- Magnetically Coupled Operation - Leak Proof
- Side or Top Mounting Versions:  
Types 2000 and 2010 for Side Mounting  
Type 2020 for Top Mounting  
Type 2030 for Sump Level Detection

### Technical Specifications

|                              |  |
|------------------------------|--|
| Switch body:                 | Polyester Coated Aluminium                             |
| Flange:                      | Brass or Stainless Steel                               |
| Float:                       | Stainless Steel or Copper                              |
| Pressure rating:             | 50 psig (3.5 bar) standard                             |
| Temperature rating:          | 80°C standard, high temperature versions are available |
| Micro switch contact rating: | 250 VAC 4 A Resistive, higher ratings on request       |
| Micro switch type:           | Single Pole Changeover                                 |
| Weather protection:          | In accordance with IP56, IP67 version available        |

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For applications requiring multi-switch points, please refer to our data sheets for Baydee and Minidee Gauge Switches.

Bayham manufacture and supply gauges for a wide range of markets and applications. Please feel free to contact us for further information or guidance on specifying the correct gauge to suit your exact requirements.