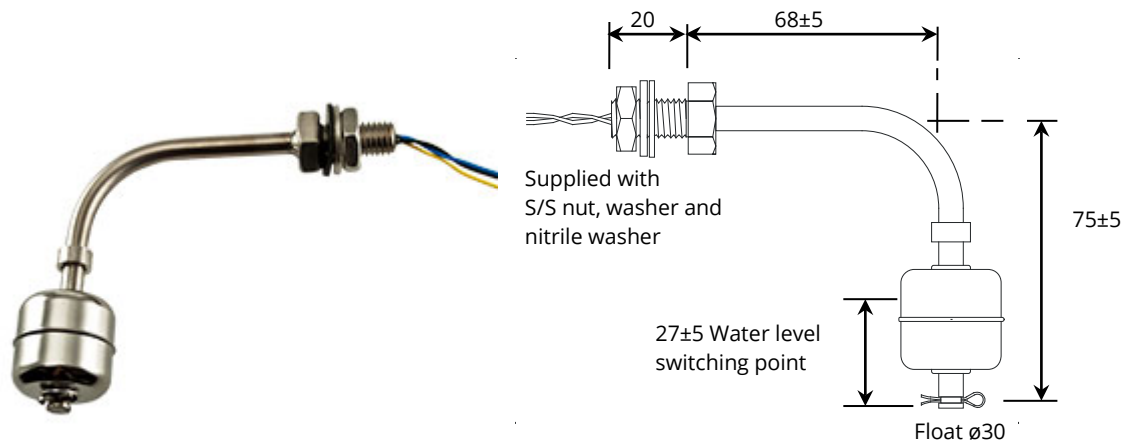


# The DEETER Group®

## 70 Series Stainless Steel Liquid Level Sensor



The 70 series is a small side mounted vertical liquid level sensor designed for high temperature/high pressure operation and sensing chemically aggressive liquids. The design provides a cost effective solution where high reliability in a demanding environment is called for. It is ideal for applications in food, automotive, pharmaceutical and chemical industries. As shipped, the float switch is Normally Open and closes on rising to the switching point. This can be changed to Normally Closed and open on rising by inverting the float on the stem.

### Technical Data

|  |   |
|--|---|
| <b>Minimum liquid Specific Gravity</b> | 0.7   |
| <b>Maximum Pressure</b>                | 25 bar  |
| <b>Operating Temperature</b>           | -20°C to +200°C   |
| <b>Switch rating</b>                   | Form A: 240Vac, 1Amp, 50Watts max<br>Form C: 60Vdc, 0.25Amp, 4Watts max |
| <b>Cable length*</b>                   | 1 Metre   |
| <b>Cable Type</b>                      | PTFE insulated 7/0.2  |
| <b>Weight</b>                          | 30g   |
| <b>Mounting</b>                        | M10 x 20mm  |
| <b>Wetted Materials</b>                | 316L Stainless Steel  |

\*For custom length contact the sales office for advice

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**Switch Contact Ratings:** are for pure resistive loads. For other loads i.e capacitive, inductive or incandescent lamps please contact Deeter for advice. This device must be earthed when used with hazardous voltages. For AC circuits ensure the peak voltage x current does not exceed the power rating.

### Fixing

|            | Hole Size | Torque | Wall Thickness |
|------------|-----------|--------|----------------|
| <b>M10</b> | 10.3mm    | 6.8Nm  | 10mm*          |

\*For larger wall thickness contact the sales office for advice

### Ordering Code

|      |  |
|------|--|
| DE70 |  |
|------|--|

A-50 - Form A (SPST), 50 Watt, 250V AC/DC  
C-10 - Form C (SPDT), 10 Watt, 60V DC

Example: DE70A-50 = 70 Series, material Stainless steel, Form A SPST, 50 Watt float switch

**All electrical equipment should be installed by a qualified/certified electrician.**

The Deeter Group follows a policy of continual development of its products and reserves the right to change specifications and/or features without notice.

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