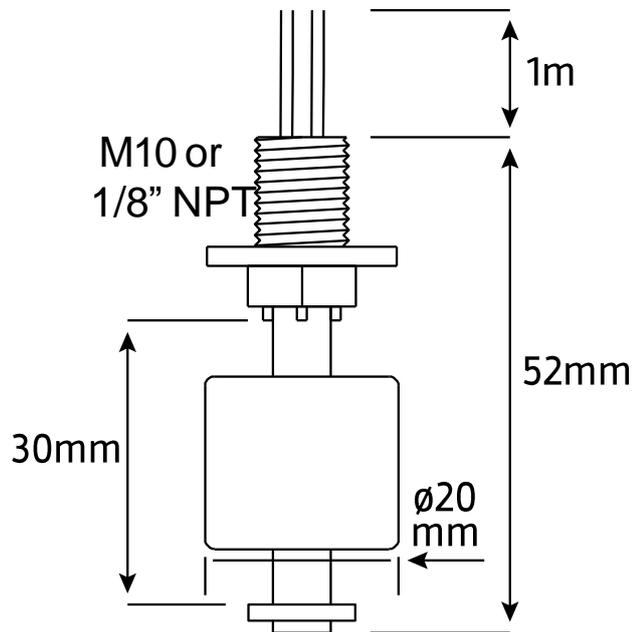


## 20 Series Vertical Liquid Level Sensor



- Designed for cost sensitive high volume OEM applications.
- High reliability reed switch lifetime of  $5 \times 10^7$  operations.
- Available in PVC, Polypropylene, Nylon and Acetal materials.
- Change switch operation from normally open (N/O) to normally close (N/C) by inverting float on stem.
- Ideal for beverage, automotive and consumer applications.
- A 1 metre cable is provided as standard, for custom cable lengths, contact sales office.

### Technical Data

Mechanical	Electrical
M10 or 1/8" NPT Thread <ul style="list-style-type: none"> <li>• 1 Metre Cable length (custom lengths available)</li> <li>• Maximum pressure 4 Bar</li> <li>• M10 sensors supplied with nut and nitrile washer</li> </ul>	Form A (SPST) switch. <ul style="list-style-type: none"> <li>• 24V DC maximum switching voltage</li> <li>• 0.1A maximum switching current</li> <li>• 1 Watt maximum power</li> <li>• 150V DC breakdown voltage min.</li> <li>• 7/0.2mm PVC insulated cable</li> <li>• 7/0.2mm PTFE insulated cable with Acetal switch</li> </ul>

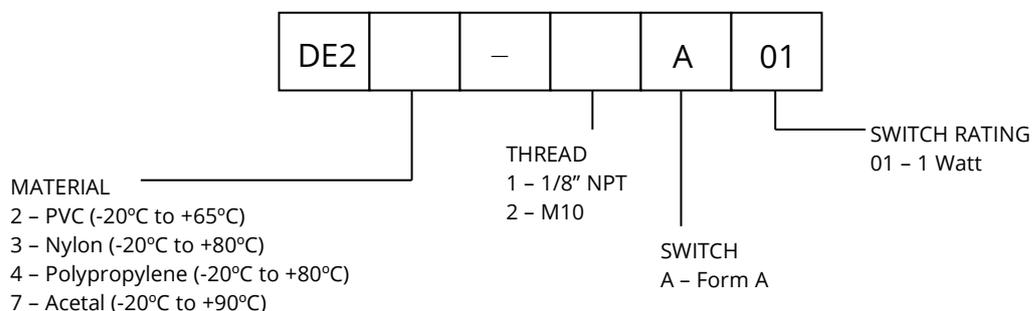
Caution: NPT threads are specified in their reference size.  
This size does not refer to the physical thread diameter

	PVC	Nylon	Polypropylene	Acetal
<b>Suitable specific gravity</b>	0.63	0.5	0.49	0.62
<b>Operating Temperature</b>	-20°C to + 65°C	-20°C to +120°C	-20°C to + 80°C	-20°C to + 90°C

\*For Chemical resistance data contact the sales office. Higher switch ratings are available.

## 20 Series Vertical Liquid Level Sensor

### Ordering Code



Example: DE22-2A01 = 20 Series, Material PVC, M10 mounting thread, Form A (SPST), 1 Watt float switch.  
For longer cable lengths, contact the sales office.

Caution: NPT threads are specified in their reference size.  
This size does not refer to the physical thread diameter.

**All electrical equipment should be installed by a qualified/certified electrician. Reed Switches are easily damaged by inductive loads. Please ensure adequate electrical protection is in place before use.**

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