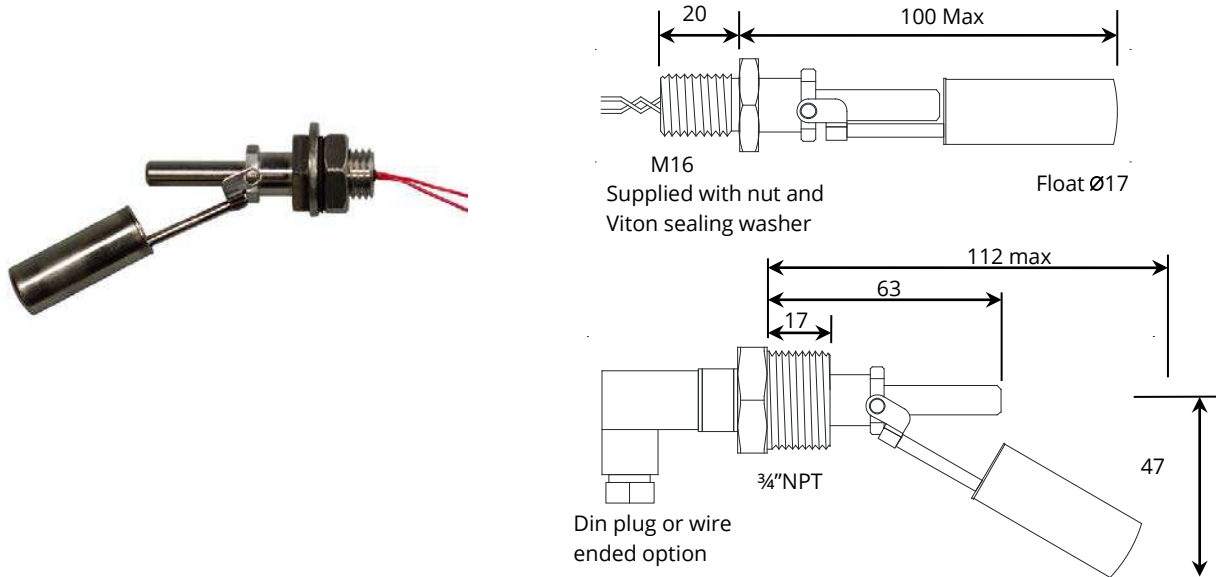


The DEETER Group®

80 Series High Temperature Horizontal Stainless Steel Liquid Level Sensor



The 80 Series is a small horizontally mounted liquid level sensor designed for high temperature/high pressure operation and sensing chemically aggressive liquids. The design provides a highly cost effective solution where high reliability in a demanding environment is called for. The high temperature version of the 80 series has the added benefit of being able to operate in temperatures exceeding the standard limit of 120°C and can operate in temperatures of up to 200°C.

Technical Data

Minimum Liquid Specific Gravity	0.9
Maximum pressure	350psi 24bar
Operating Temperature	Wire ended -20°C to +200°C
Switch contacts	Form A: 240Vac/dc, 1Amp, 50Watts max power
Cable length*	1 metre
Cable type	PTFE insulated 7/0.2
Weight	80g
Mounting	M16 internal mount 3/4" NPT external mount
Wetted Materials	316L Stainless Steel

*For custom length contact the sales office for advice

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Switch Contact Ratings: are for pure resistive load. For other loads ie 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.

Ordering Code

DE80	-	50A		H
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01 - M16 Internal Mount. Wire ends
02 - ¾" NPT External Mount. Wire ends

Example: DE80-50A01H = 80 Series, Material Stainless Steel, 50 Watt float switch, Form A SPST, M16 Internal Mount, High Temperature.

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.

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