

TECHNICAL DATA

HD/LL70 Vertical Float Switch

FOZMULA
INNOVATION IN SENSORS



The **HD/LL70** series is a heavy duty vertical float level switch designed for use in environments where high switching currents and overall robustness are required.

SPECIFICATION

Liquid Types

Liquids compatible with the construction materials, typically diesel, kerosene, petrol, water.

Materials

Header:	316 Stainless Steel
Stem:	316 Stainless Steel
Float:	316 Stainless Steel
Float Stops:	304 Stainless Steel
Enclosure:	ABS

Dimensions

Max. Length:	3000 mm
Min. Length:	340 mm (4 Floats)
Min. Switch to Switch Dim.:	75 mm
Min. Switch to End Dim.:	60 mm
Min. Switch to Datum Dim.:	60 mm

Operation

Max Number of Floats: 6 x N/O or N/C, 4 x C/O

Reed Contact Specification

Reed Form:	N/O or N/C	C/O
Max Voltage:	250 VAC/VDC	500 VAC/VDC
Max Current:	3 A	3 A
Max Power:	120 VA	100 VA

Environmental Ratings

Ingress (Enclosure):	IP67
Operating Temperature:	-20 °C to +70 °C

Connections

Size: Entry is M20 threaded for gland / conduit.
Screw terminals for Ø2 mm / 3 mm² conductors

