

Optical Liquid Level Sensors D600D Series



- Features:
- * 1/2" SAE Threaded Body
 - * Low cost
 - * Compact size
 - * High reliability
 - * Wide range of commercial and industrial applications.



Housing Style	D600
	1/2" SAE-20 Thread ⁽¹⁾
Output Function	Digital (High or Low in Air) outputs
Repeatability	± 1mm
Hysteresis	1mm depending on liquid
Response time rising liquid	50µS
Response time falling liquid (ethanol)	< 1 second
Supply Voltage (V _s)	5 to 12Vdc
Supply Current	15mA nominal
Sink / Source Current	15mA
Temperature range: operating / (storage)	-25°C to +80°C / (-30° to +85°C)
Housing Material	Polysulphone UDEL 1700
Cable Length	200mm PTFE wires
Environmental	IP67 Rated
Thermal Testing	As per BS EN60068-2-33
Humidity	As per BS EN60068-2-30
Vibration	As per BS EN60068 Part S3: 1996
Mechanical Shock	As per BS EN60068-2-27 Part 2 Ea: 1987
Max. Pressure	7 bar

Order Codes:

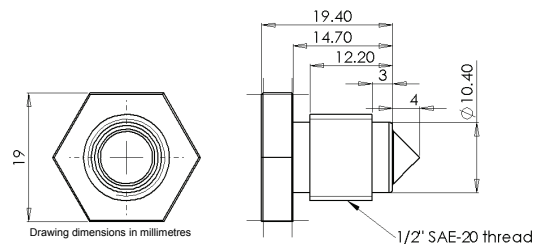
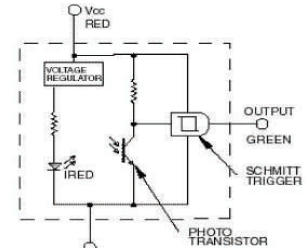
High in Air Sensors: Output Voltage in Liquid < 1Vdc; Output Voltage in Air is within V_s - 0.5Vdc

3 Wire D600D3SH
4 Wire ⁽²⁾ D600D4SH

Low in Air Sensors: Output Voltage in Liquid is within V_s - 0.5VDC; Output Voltage in Air < 1Vdc

3 Wire D600D3LSH
4 Wire ⁽²⁾ D600D4LSH

- 1) "O" Ring supplied, unassembled.
- 2) In certain applications (when used in certain liquids or emulsions and in heavily condensing applications), it may be necessary to "tune" the sensor's operation using a 4th wire connected directly to the LED. This requires the installer to select a suitable current limiting resistor—contact factory for details.



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