

# Optical Liquid Level Sensors D205 & D305 Series



- Features:
- \* 1/2" BSPT Screw-in Body
  - \* Low cost
  - \* Compact size
  - \* Wide range of commercial and industrial applications.

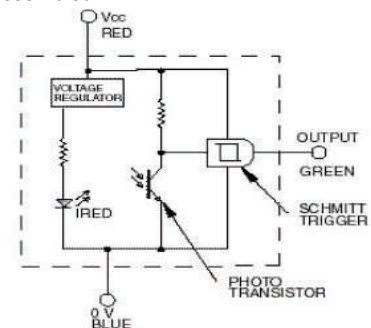
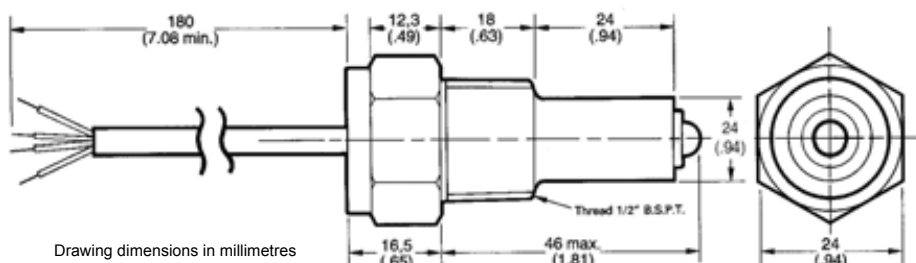


	Standard Temperature	High Temperature
Housing	1/2" BSPT Metal Body	
Output Function	Digital - High in Air	
Repeatability	± 1 mm	
Hysteresis	2mm (depending on liquid)	
Response Time: Rising Liquid	50 µS	
Response Time: Falling Liquid (Ethanol)	< 1 second	
Supply Voltage	+5V to 12VDC	
Supply Current	15 mA	
Temperature Range: Operating / (Storage)	-25°C to +80°C (-30°C to +85°)	-40°C to +125°C (-40°C to +125°C)
Housing Material	Stainless Steel or Nickel Plated Brass, Polysulphone dome	
Output Current (@25°C & 5VDC)	Sinks 10 mA	Sinks 40 mA
Lead wire Length	180mm PTFE	

### Order Codes:

- D205000 Nickel Plated Brass Body, Standard Temperature Range <sup>(1)</sup>
- D205100 Nickel Plated Brass Body, Extended Temperature Range <sup>(2)</sup>
- D305000 Stainless Steel Body, Standard Temperature Range <sup>(1)</sup>
- D305100 Stainless Steel Body, Extended Temperature Range <sup>(2)</sup>

(1) Supplied with Nitrile washer and nut, unassembled. (2) Supplied with nut and VAMAC washer, unassembled. Contact factory for custom terminations and other lead lengths available to special order.



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