

Optical Liquid Level Sensors D200HP Series



- Features:
- * M12 Threaded Body
 - * Heavy Duty Style
 - * High Output Current
 - * Eliminates need for intermediate control systems



Housing Style	HD200 ⁽¹⁾ M12 Plastic	HD600 ⁽²⁾ 1/2" SAE - 20 Plastic
Output Function	NPN / PNP (open collector)	
Repeatability	± 1mm	
Hysteresis	1mm depending on liquid	
Response time rising liquid	50µS	
Response time falling liquid (ethanol)	< 1 second	
Supply Voltage (V _s)	10 to 40VDC	
Supply Current	25mA nominal	
Sink / Source Current	500mA	
Temperature range: operating	-25°C to +80°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	5 bar	

Order Codes:

D 200HP * * *

Output Polarity

L: Output Low in Air
H: Output High in Air

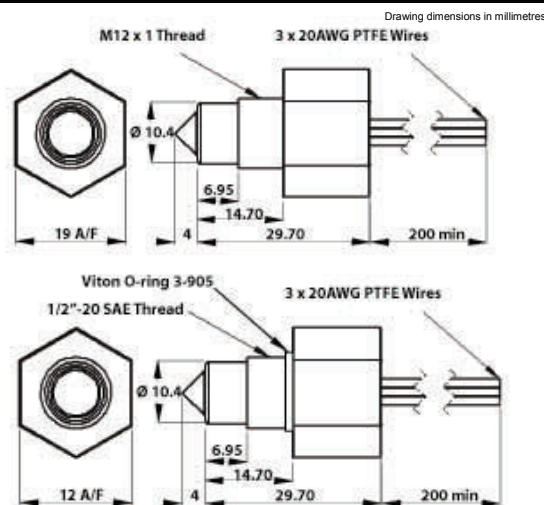
Output Circuit

- 1: NPN (open collector)
- 2: PNP (open collector)
- 3: Push - Pull

Mounting

- 0: M12 Thread ⁽¹⁾
- 1: 1/2" SAE Thread ⁽²⁾

1) Stainless steel nut & nitrile washer available separately (order LLPK1)
2) "0" Ring supplied unassembled.



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