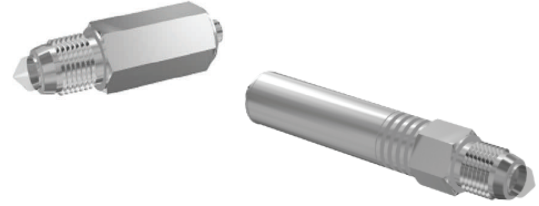


Optical Liquid Level Sensors DPOS Series



- Features:
- * 1/2" BSP Body
 - * High Output Current
 - * Eliminates need for intermediate control systems
 - * Stainless Steel construction.



	Standard Temperature	High Temperature
Housing (Thread, Length, Hex)	G1/2" (1/2" BSP), 78mm, 24mm	G1/2" (1/2" BSP), 138mm, 24mm
Output Function	NPN - High in Air / NPN - Low in Air / PNP - High in Air / PNP - Low in Air	
Max. Output Current	200mA	
Repeatability	± 1 mm	
Hysteresis	1mm (depending on liquid)	
Response Time: Rising Liquid	50 µS	
Response Time: Falling Liquid (Ethanol)	< 1 second	
Supply Voltage	+12V to 28VDC	
Supply Current	25 mA	
Temperature Range: Operating (sensing end only)	-25°C to +100°C	-25°C to +140°C
Housing Material	Stainless Steel, Crystal Glass dome	
LED Output Indicator	Yes	
Pressure Range	20 bar	
Environmental	IP67 (connector version), IP68 (cable version)	
Thermal Testing	As per BS EN60068-2-33	
Humidity	As per BS EN60068-2-30	
Vibration	As per BS EN60068-6 Part S3:1996	
Mechanical Shock	As per BS EN60068-2-27 Part 2 Ea: 1987	

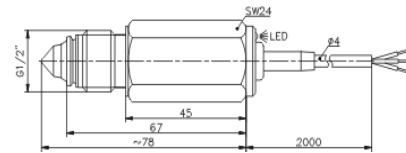
Order Codes:

DPOS * 87 * 1 *

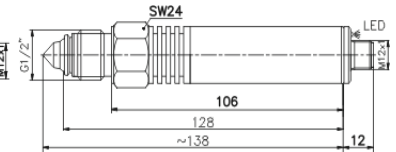
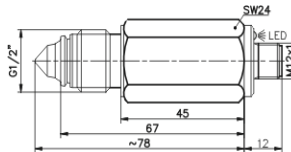
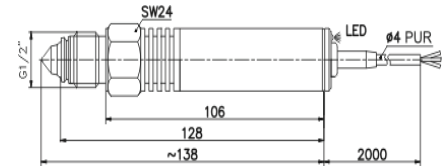
Temperature
1: Standard Temperature Range
2: High Temperature Range

Connection Type
3: 2m (PUR3 x0.25mm) Cable
4: M12 Connector

Output Type
1: NPN (NO) High in Air (open collector)
2: NPN (NC) Low in Air (open collector)
3: PNP (NO) High in Air (open collector)
4: PNP (NC) Low in Air (open collector)



G1/2" Nut available separately - order code DPOS12BSP



Dimensions in millimetres



**American
Electronic
Components, Inc.**

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