# Optical Liquid Level Sensor - OS-900
OS-900 Miniature Plastic Optical Level Sensor

These solid-state optical level sensors have no moving parts.   The built-in optical electronics provides a switched output level sensor that can sense the presence or absence of fluids to 125°C.   The Polyethersulfone housing ensures this level sensor is compatible for use in a broad range of liquids, ideal for medical and industrial OEM level sensing needs. This miniature plastic optical level sensor is ideal for low level or point level monitoring for medical diagnostic equipment, sterilizers and washer, or dialysis equipment.

OS-900A
"ON" when Wet (wet sink output)
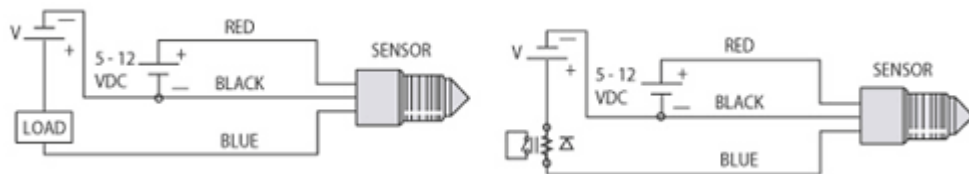
OS-900B
"ON" when Dry (dry sink output)
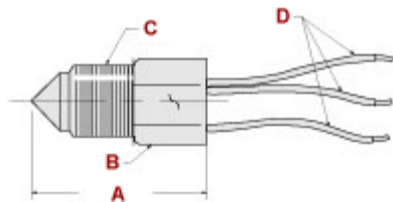
A	1.27" (32mm)
B	5/8" Hex
C	1/4" NPT, 1/2"-20 SAE, M12
D	Lead Wires, Polyester 6 1/2"

Input Voltage	Current Sink (Condition)	1/4" NPT	1/2"-20 SAE	M12x1-8
5 Vdc	Wet	OS-900A-05-0	OS-900A-05-1	OS-900A-05-2
5 Vdc	Dry	OS-900B-05-0	OS-900B-05-1	OS-900B-05-2
12 Vdc	Wet	OS-900A-12-0	OS-900A-12-1	OS-900A-12-2
12 Vdc	Dry	OS-900B-12-0	OS-900B-12-1	OS-900B-12-2

Mounting Types	1/4" NPT, 1/2"-20 SAE, M12x1-8
Housing Material	Polyethersulfone
O-Ring Material	Viton (1/2" - 20 SAE #5 & M12x1-8)
Operating Pressure *	0 to 250 PSI (17 Bar), Maximum
Operating Temperature	-40°F to +257°F (-40°C to 125°C)
Current Consumption	4 mA, for 5 Vdc (no load) 10 mA, for 12 Vdc (no load)
Output	Sink 40 mA max., up to 30 Vdc
Repeatability	+/- 1mm
EMI	CE Approved per EN 61000
Shock Tested	Per MIL-Std - 202 Method 204
Vibration Tested	Per MIL-Std - 202 Method 213B
Approvals	CE, UL Pending

* These switches are not for use in freezing liquids.

Wiring Diagram

Pricing