

OPT4510-P1 Series Technical Data Sheet

Miniature Optical Liquid Level Sensor



OPT4510-P1

Applications

- Detects high/low levels in a container
- Can sense a variety of clean, non-coating liquids such as ultrapure water, oil and CO₂
- Stable even under continuous use in hot water and steam at temperatures up to 257°F.
- Typically used for analytical instrumentation, medical devices and semiconductor process equipment components as well as dairy connectors, manifolds and steam-cleaning equipment.

Custom Solutions

At times, OEMs, end users or military specifiers require a customized solution or sample product to test. Madison Company can design, manufacture and ship a custom switch or sensor in just six business days. Simply communicate the quantity and requirements to our technical sales staff. We will quote the product to establish budget and ROI. Following the quote approval, Madison engineers will design the switch or sensor that satisfies the application specifications, and provide proof of concept. Upon approval, we will build and ship the product or sample.

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Miniature Optical Sensor Specifications

Model	Electrical Ratings	Input Voltage	Lead Wires	Max. Pressure	Max. Temp	Mounting	Type
OPT4510-P1	100mA Iout Max	5-12 VDC	8", 24 AWG, PTFE Insulated	100 PSI	257°F (125°C)	M10x1	Miniature Optical Liquid Level Sensor

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