

# Curtis® liquid level probe assemblies

## P Series

### Probes for almost any pressure/temperature requirement

Five basic probe types and 14 model variations provide design versatility matched to your specific application. Choose from single, dual or multi-probe designs in PVC or nylon fittings. All probes feature 316 stainless steel electrodes with standard lengths ranging up to six feet, in one-foot increments. Pressure/temperature limits range as high as 2500 lbs./700° F. Covered probes are offered for applications subject to unusually adverse environments or stringent safety codes.



#### Model EP

Economy probe designed for budget systems. Available in NPT sizes 3/4" (Single probe), 1" (Dual probe), 1-1/2" (Triple probe) with Nylon Hex fittings.



#### Model SP

Simple probe designed with adjustable probe length feature. Must be used with conductive container only. Available in probe size diameters of 1/8", 3/16" or 1/4" (i.e. SP125, SP187, SP250).



#### Models HTPP - HTPGP

High temperature, high pressure 3/8" NPT probe designed to withstand hydrostatic pressures to 2500 psi and temperatures to 700° F. Standard Model HTPP does not contain added threaded stud for common ground connection, when required specify HTPGP Model. Constructed from 18-8 non-magnetic stainless steel with alumina insulation.



#### Model CP

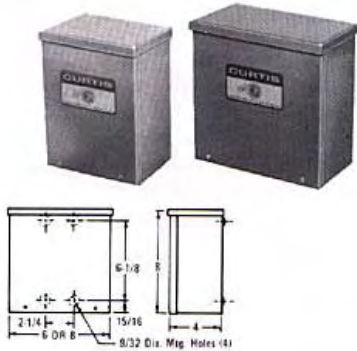
Covered Probe designed for high humidity environments. Probe headers are splash-proof and moisture-tight. Available in NPT fitting sizes 1-1/2" for dual probe systems and 2" for triple or quadruple probe systems.



## Accessories

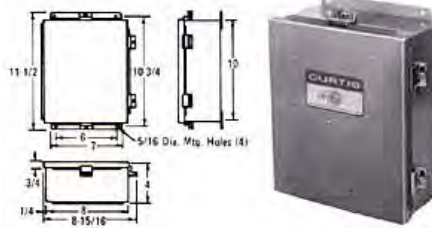
### Control enclosures for hostile environments

Standard Control Models ELS, LCS/LHS, LC, RSA, DLC, and PCT are open-style. Models with contactors are attached to a 6-7/8" x 8-3/4" panel. NEMA 3 and MEA 4-JIC enclosures are offered to fit above models with or without contactor mounting panels. Alarm and indicator lamp options are also available. Contact factory or your local representative for additional information.



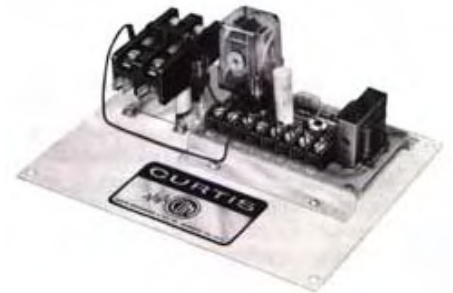
#### NEMA 3 Enclosures – Weather-Resistant for Outdoor Applications

Designed to exclude rain, snow and sleet, these durable enclosures may also be used indoors wherever dripping water presents a problem. Construction features heavy-gauge steel finished in satin gray enamel. Enclosures accepting standard control models are designated N3, while those accepting the larger contactor mounting panels are designated N3C. Enclosures also meet NEMA I specifications for general purpose dust resistance.



#### NEMA 4-JIC Enclosures – Water Tight and Oil Tight

Intended for use in areas which are regularly hosed down. They are suitable for outdoor, shipdeck, dairy or brewery applications. Enclosures are fabricated of extra-heavy 14-gauge steel with welded seams. Construction also features external mounting feet and solid neoprene cover gasket. These grey hammertone enamel-finished units accept standard and contactor mounting panel controls. Enclosures also meet NEMA 12 for dust, dirt and oil protection.



#### Auxiliary Contactors – For Loads Exceeding That of Standard Relays

When anticipated loads exceed the 10 amp/120VAC rating of relays furnished with our standard controls, use of a contactor is necessary. These small, ruggedly built units are available in 24, 120 and 240VAC coil voltages to match the control input supply voltage. Contactors feature heavy-duty DPST-NO-DB contacts rated 1HP/120VAC or 2HP/240VAC. Terminals are No. 10 pressure screws with .250" double quick-connect tabs. Contactor/control assemblies are prewired for customer convenience.

Any standoff or flange-mounted control may be ordered with the auxiliary contactor. Track-mounted controls are available with auxiliary contactors on special order only. Contact factory for additional info.

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