The reliable 301 Series has proven to be a rugged economical choice for top mounting on tanks where side mounting is not practical, or for use in sumps. These units feature a fixed deadband for high or low alarm or shutdown. This control can be mounted on top of any closed or open tank or sump by use of the 3/4" NPT connection. Flanges are also available in iron flange. Approximately 35 lb (16 kg) with E, EV enclosure 39 lb (17.7 kg).

Electrical switch actions, SPST (SPDT) (DPDT) or (DPST), can be ordered to satisfy most applications. Two-stage operation available, consult factory. Hermetically sealed snap action or mercury contacts provide for high or low current or voltage requirements. Enclosures include general purpose (weatherproof) (explosion-proof) (explosion-proof - vapor proof). DPST snap action (mercury) switch. Enclosure shall be general purpose or weatherproof NEMA-4, explosion-proof NEMA-7, explosion-proof - vapor proof.

APPLICATIONS
Oil refineries, chemical plants, power generating stations, pumping stations, sanitary/waste water facilities, sumps, open or closed tanks and vessels.

SPECIFICATIONS
Minimum Specific Gravity: Dependent on float size and rod length. See chart A.
Switch Type: Snap action or mercury. See charts D and E.
Electrical Rating: See charts D and E.
Wiring Connection: G, WT or E enclosure, terminal board. EV enclosure 18" (460 mm) leads.
Wetted Parts: See model chart.
Approximate Weight: 301G, WT with 4/" SS float, 8 ft. rod, 5" 125# cast iron flange. Approximately 35 lb (16 kg) with E, EV enclosure 39 lb (17.7 kg).

Suggested Specification
Liquid level control shall be top mount, float operated with fixed deadband for alarm service, (insertion depth, float and flange type to be specified). Circuit shall be hermetically sealed (SPST) (SPDT) snap action (mercury) switch. Enclosure shall be general purpose (weatherproof) (explosion-proof) (explosion-proof - vapor proof).
The page contains technical specifications for electrical circuits and ratings. It includes information on the construction, enclosures, circuits, floats, operating points, specific gravity, flanges, and other materials and pressure ratings. The page also includes charts for mercury contacts and snap action contacts, detailing switch actions, electrical ratings in amps, and ordering codes. The information is laid out in a tabular format with columns for various specifications and requirements, such as specific gravity, flange sizes, and operating points. The page concludes with a section on call-to-order information, providing contact numbers for the U.S., U.K., and Asia Pacific regions.