The 6548 submersible level transmitter measures the height of liquid above the position in the tank, well or bore hole, referenced to atmospheric pressure. The sensor in a slim body design, ideal for narrow space applications like bore holes. It has good chemical compatibility and lightning and surge protection.

The transmitter has a piezo resistive sensing element, encased in stainless steel 316 housing. A bullet nose design protects the diaphragm from damage. The 6548 incorporates lightning and surge protection that utilises dual arrester technology, grounded to case, which eliminates both power supply surges and lightning ground strike transients. Lightening and surge protection is not guaranteed and is not covered by warranty.

When used with proper intrinsically safe Zener barrier the 6548 is UL approved intrinsically safe for use in hazardous locations. The level transmitter comes equipped with a strong tensile strength shielded and vented cable. The vent tube in the cable automatically compensates for changes in atmospheric pressure above the water level. The vent is protected with a maintenance free filter that stops water droplets or vapour from entering the transducer.