Liquid level sensor monitors hydrostatic level, temperature measurement

American Sensor Technologies, Inc. (AST) has released the AST45PT liquid level sensor for hydrostatic level and temperature measurement. The AST45PT provides two independent 4-20mA output signals for a level signal and a temperature signal. Users benefit from a single instrument installation, saving time and money. With submersible cable being one of the more costly options for deeper level requirements, a single measurement point is a cost effective solution. The AST45PT is priced starting at $395 each with quantity discounts available.

The low cost of the AST45PT does not take away from its available features. With measurement ranges from 1 PSI (27.68" water column) to 100 PSI (230.67' water column), the AST45PT appeals to a wide range of applications. AST offers five temperature ranges and eight cable length options to make integration simple.

Each AST45PT comes with a removable nose cone. While it is installed on the sensor to protect the sensing element from damage during submersion, users have the option to remove it to access the 1/4" NPT male pressure port. For example, if a customer is looking to take a pressure measurement externally from a tank in a flood prone area, the AST45PT will be an ideal solution. Additionally, the sensor is designed with a ½" NPT conduit fitting at the electrical connection. Conduit can be installed over the cable to provide rigidity in turbulent tanks or protection from sharp objects.

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