



PWS

Water Probe

Model Nos.: PWS-S / PWS-LW

Overview

The PermAlert PWS series probe is designed to detect conductive liquids as part of the point detection system. The thermoplastic over molded probe body provides good chemical resistance and high level of mechanical durability. The streamlined design allows ease of installation, especially in tight and hard to reach spaces. The PWS' gold plated sensor elements are extremely corrosion resistant and easy to maintain in any applications. The PWS comes with several options, depending on interfacing system and installation requirements, as detailed below.

PWS Models

Model No.	Part No.	Description	Controller
PWS-S	8027647	PWS-S with connectors only	PAL-AT
PWS-S	8027645	PSW-S assembly with connectors, jumper cable, and enclosure	PAL-AT
PWS-LW	8027646	PWS-LW assembly with splices and cord grip	LiquidWatch

Features & Benefits

- Fast detection of conductive liquids
- Easy clean, low maintenance sensor elements
- Chemically resistant
- Ruggedized thermoplastic over molded probe
- Low profile design for insertion into tight spaces
- Options for both PAL-AT and LiquidWatch

Specifications

Physical and Environmental

Probe Body Diameter: 0.7 in (17.8 mm)

Probe Body Length 1.72 in(44mm)

Lead Length 20 ft (6 m)

Operating Temperature: -40°F to 176°F / (-40°C to 80°C)

Maximum Pull Strength: 50 lbs. (23 kg)

Materials	Probe Body	Cable Jacket
	PUR	PVC

Junction Box (PAL-AT Only)

Ingress Rating NEMA 4X (IP66)

Dimensions 10 in x 8 in x 4(d) in

Maximum Temperature 150°F (80°C)
JBXHTM enclosure available with maximum temperature rating of 176°F (80°C)

Performance (conductive liquid)

Activation Level (min) 0.08" (2mm)

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