

Model 299 Dri-Sense Pressure Transducer Termination Enclosure



Setra System's rugged NEMA 4X rated Model 299 Dri-Sense pressure transducer termination enclosure is designed for field termination of pressure transducers.

Desiccant material contained within the cover, captures and condenses moisture through surface adsorption, providing an effective barrier against the ingress of humidity into the pressure transducer's sensor. When replacement is necessary, the user is alerted through the clearly visible desiccant status window, which changes from blue (dry) to pink (saturated).

With a life expectancy of approximately 6 months, the desiccant can be regenerated by removing the cover and baking it in a 200°F oven for 3 to 4 hours or until it returns to its dry status (blue). To ensure uninterrupted system operation, replacement desiccating covers are available.

The Model 299's case is constructed of sturdy plastic glass-filled polycarbonate (UL94AB-0), and is designed with easy access to terminal connections. NEMA 4X (IP65) rated for indoor and outdoor installations, the Model 299 includes integral surge protection to protect the circuit board from a voltage surge up to 2000 volts.

An optional low cost, replaceable, terminal interface circuit board is offered to change the unit from a voltage to current, or current to voltage output unit. For pipe mounting installations, a pipe mounting kit is also available.

Specifications
<p>Electrical (Current) <u>Input / Excitation</u> 4 to 20 mA / 5 to 33 VDC</p>
<p>Electrical (Voltage) <u>Input / Excitation</u> DC Volts / 0 to 6 VDC DC Volts / 5 to 33 VDC</p>
<p>Electrical Termination PG9 Strain Relief</p>
<p>Surge Suppression Up to 2000 Volts</p>

NOTE: Setra adheres to strict quality standards including ISO 9001:2000 and ANSI-Z540-1.

Applications

- Field Termination of Pressure Transducers
- Submersible
- Sanitary
- Underground
- Chillers

Features

- Visible Desiccant Status Indicator
- Easily Replaceable Desiccating Covers
- Replaceable Terminal Interface Circuit Board
- Surge Suppression
- NEMA 4X Industrial Housing

When it comes to a product to rely on - choose the Model 299. When it comes to a company to trust - choose Setra.



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