



PAL-XD® Leak Detection System

Models No: XD-100, XD-250, XD-500

Overview

The PAL-XD® leak detection system is designed to monitor small areas for liquid leaks. The system can detect both electrically conductive and non-conductive liquids. Its compact design and ease of installation is ideal for applications such as unmanned equipment rooms, telco base station, and small tanks. The PAL-XD® can operate as standalone leak detection system, as part of an enterprise solution of multiple networked PAL-XD® systems monitored by PALCOM® software or as an integrated solution with a third party BMS systems.

PAL-XD® Series Model Overview

| Model No. | Part Number | No. of Channel | Cable Length/Channel ft / (m) |
|-----------|-------------|----------------|--|
| XD-100 | 8027941 | 1 | 100 ft / (30 m) |
| XD-250 | 8027942 | 1 | 250 ft / (76 m) |
| XD-500 | 8027943 | 1 | 500 ft / (150 m) |
| XD-SPE | 8027944 | 1 | Customizable length, max at 500 ft / (150 m) |

Features & benefits

- Quick and sensitive liquid leak detection
- Detects both electrically conductive and non-conductive liquids
- Monitors and displays for leak, break, short and disconnected cable conditions
- IP30 rated enclosure for indoor application
- Ruggedized sensing cable that's not susceptible to dust/dirt contamination
- Easy Setup and control via 2 button label and built in web page
- LED indicators for power, uninitialized, leak and fault conditions with built-in audible alarm
- Small form factor and easily mounted

Specifications

physical & mountings

| | |
|-------------|---|
| Dimensions: | 7.75" x 6.50" x 1.63" / (197mm x 165mm x 42mm) |
| Weight: | 2.36 lb. / (1.0 kg) |
| Mounting: | Wall mount keyholes and Din rail clip mounting holes on back of panel (Optional Din Rail clip hardware included) |

environmental and performance

| | |
|------------------------|--------------------------------|
| Operating temperature: | 0°F to 122°F / (-18°C to 50°C) |
| Max Humidity: | 95% RH at 122°F / (50°C) |
| | IP30 - standard Indoor only |

electrical & communications

| | |
|------------------|---|
| Supply Voltage: | 24 VDC, 1 A, 24 VA |
| Communication: | Ethernet, RS-485 x 2 |
| BMS Integration: | Modbus RTU, Modbus TCP/IP, BACnet, SNMP |
| Relay Type: | SSR-NO Relays, 0.5A / 60 VAC or VDC |
| No. of Relays: | 3 x SSR-NO Relays |

regulatory compliance



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