INDUSTRIAL FIXED

# OELD (Optima Excel Local Display)

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## Overview

OELD is a smart junction box for either a Searchpoint Optima Plus or Searchline Excel gas detector. In addition to serving as a 4-to-20 milliamp (mA) communications bridge between the detector and the controller, the gas sensor junction box includes an LCD screen for gas concentration and other information, as well as a traffic-light indicator for at-a-glance safety status — all in a robust metal housing and with a wide range of approvals. OELD includes Bluetooth Low Energy (BLE) technology that simplifies your experience with the detector. With BLE, you can pair the OELD with a mobile phone and then use an app to perform many commissioning and maintenance tasks on the detector with less time and effort. And since the BLE method is non-intrusive, it also reduces safety risk.

**Product Overview:**

The Optima Excel Local Display (OELD) is a smart junction box for the Searchpoint Optima Plus and Searchline Excel infrared detectors for flammable hydrocarbons. In addition to providing a 4-to-20 mA communications bridge between the detector and controller, gas sensor local display includes an LCD screen for readout and status information, a "traffic light" indicator for at-a-glance detector status, and Bluetooth Low Energy (BLE) connectivity for simplified, nonintrusive maintenance. Just pair the OELD with our intrinsically safe, ruggedized smartphone: then use the OELD smartphone app to interact with the gas detector from up to 10 meters away.

**Simplified maintenance with familiar smartphone technology:**

When you pair a smartphone with OELD smart junction box, you can perform many tasks for your Searchpoint Optima Plus and Searchline Excel detectors wirelessly. Use the OELD mobile app to specify the target gas, configure alarm set points, perform one-man calibrations, access event logs, perform diagnostics, check detector status and more — with no need to go back and forth to the control room, or open the enclosure on your gas detector. That means no hotwork headaches like obtaining permits,

declassifying the area or adding more manpower. For detectors in hard-to-reach locations or in a duct, you can position the corresponding OELD smart junction box in an easy-to-access location and use the OELD smartphone app to interact with the detector wirelessly.

At-a-glance visibility:

OELD smart junction box has bright indicator lights visible from a distance, where green indicates normal operation, yellow indicates a fault and red indicates an alarm. The LCD screen provides gas detector local display information, clearly showing real-time readings on detector status, including the gas being monitored, the local gas concentration and units of measurement — so you have easy access to status information.

Gas detection that fits the way you work:

The OELD smartphone app delivers the familiar user experience you expect — combined with gas detection technology designed to keep you safe while making your job easier. It simplifies detector maintenance and is a cost effective way to get even more value from your Searchpoint Optima Plus or Searchline Excel gas detectors.

Features & Benefits:

- Gas sensor junction box featuring simplified maintenance using familiar smartphone technology
- Smart junction box provides non-intrusive interaction reducing maintenance time and safety risk
- Easy access to hard-to-reach detectors
- Bright "traffic light" indicator for safety awareness

Quick Specs:

- Backward compatible with all versions of Searchpoint Optima Plus and Searchline Excel
- Robust Aluminium or Stainless steel housing
- Ingress protection IP66 / Type 4X (in accordance with NEMA 250)
- Worldwide approvals including ATEX, IECEx, cULus

Fire and Gas Consultancy Services

## Even the best products deserve expert maintenance!

Elevate your gas detectors' potential with Honeywell's expert maintenance services! Maximize uptime, eliminate costs, and ensure on-time, on-budget project completion.

**Explore our fixed, portable, and high-tech support services now!**

# Specifications

## BRAND

**Brand**
- Honeywell

## CATEGORY

**Sub-Category**
- Infrared Gas Detectors & Transmitters

# Product Number

| 1226A0355 | CEILING MOUNT KIT |
| --- | --- |
| 1226A0358 | Pipe Mount Kit |

OELDBXXXXXADMAX        OELD ALU EXD M25 ATEX

OELDBXXXXXADNUL        OELD Smart Junction Box, Display, C1D1 Z1, Aluminium, 3/4"NPT, cULus

OELDBXXXXXADNUX        OELD ALU C1D1Z1 NPT cULus

OELDBXXXXXAEMAX        OELD Smart Junction Box, Display, Ex e Aluminium, M25,ATEX/IECEx

OELDBXXXXXSDMAL        OELD SST LUI EXD M25 ATEX

OELDBXXXXXSDMAX        OELD SST EXD M25 ATEX

OELDBXXXXXSDNUL        OELD Smart Junction Box, Display, C1D1 Z1, 316SST, 3/4"NPT, cULus

OELDBXXXXXSDNUX        OELD SST C1D1Z1 NPT cULus

## Alternative Products



### Searchline Excel™ Edge
Open Path Infrared Gas Detector – Long Range

**Honeywell**
Safety and Productivity
Solutions
855 S Mint St
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Feedback