



# SIGNALINE

## Alarm Point Distance Locator



### General Description

The APDL is an Alarm Point Distance Locating device exclusively for use with Signaline heat sensing cables. The APDL is designed to interface between a listed fire alarm releasing or control panel or addressable module and a single length of Signaline heat sensing cable. An important design feature of the APDL is the continued correct operation of the fire alarm control/releasing panel or addressable module regardless of faults which may occur in the APDL such as loss of power to the unit. APDL complies with the relevant FM standard and is enclosed in an IP65 rated enclosure.

### Features

- Alarm point distance locating device for use with Signaline heat sensing cables:
  - Signaline-FT-68
  - Signaline-FT-68-R
  - Signaline-FT-88
  - Signaline-FT-88-R
  - Signaline-FT-105
  - Signaline-FT-105-R
- Alternating metres/feet display of alarm point
- Cable selection
- Leader cable calibration
- Detection of alarm point from 100m–3000m(300ft – 10000ft)
- Installation settings saved in event of power loss
- IP65 rated enclosure for indoor/outdoor use with smooth sides or 4 sizes of M knock-outs
- (N.B. FM Approved for indoor use only).
- Simple installation and operation
- Backlit 16x2 character LCD display
- Continued correct operation of fire alarm control/releasing panel or addressable module regardless of faults which may occur in the unit such as loss of power.
- To maintain system certification any fire alarm control unit connected to the APDL is to be FM approved
- Any power supply used to deliver power to the APDL is to be ANSI/UL 1481 certified.

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## Specifications

### Enclosure

Dimensions	W180mm x H130mm x D78mm
Rating	IP65
Finish	Polycarbonate with hinged removable cover and removable internal front plate. Light grey with smoked grey cover.
Approvals	FM Class 3210

### Enclosure Knockout Sizes

Long Side	M25 (25mm) & M16 (16mm)
Short Side	M32 (32mm) & M20 (20mm)

### Power Requirements

Operating voltage	9-28VDC
Normal Operation	<10mA (LCD back-light off)
Alarm Locating	<90mA (LCD back-Light on)
Power supply transient protection	1500W for 1ms

### Operating Temperature

Range	0-49°C (32°F-120°F)
15°C-25°C (59°F-77°F)	<±5% of alarm point distance
0°C-49°C (32°F-120°F)	<±6.5% of alarm point distance

### Terminal Blocks

Spacing	0.375" (9.52mm)
Rating	25A at 300 vdc
Wire Size	12-22AWG

### Ordering Details

Signaline APDL

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