

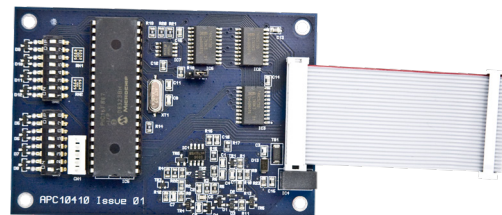
# FIRElink

## FL-APIC

### Addressable Protocol Interface Card

#### Features

- ▶ Full address range (1 - 127)
- ▶ Compatible with all FIRElink detectors and command modules
- ▶ Supports both single and multi mode operation.



#### Description

FL-APIC is A Addressable Protocol Interface Card used to decode and relay FIRElink detector information directly to an Hochiki ESP compliant Fire Control Panel. The FIRElink range of Aspirating Smoke Detectors (ASD) have many interfacing options ranging from conventional, (using the built in Alarm and Fault relays), to addressable. An Addressable Protocol Interface Card (APIC) has been manufactured that greatly simplifies the amount of wiring required when connecting to a Hochiki addressable loop. This installation instruction explains how this card should be installed and configured.

#### Specification

|                             |                                          |                 |
|-----------------------------|------------------------------------------|-----------------|
| Ordering code               | FL-APIC                                  |                 |
| Supply voltage              | Loop voltage (Loop)                      | 17 - 31 VDC     |
|                             | Loop pulse voltage                       | 7 - 9 VDC       |
| Current consumption (Loop)  | Quiescent                                | 90 $\mu$ A Max. |
|                             |                                          | 22 mA +/- 20%   |
| Zero point value range      | 61                                       |                 |
| Fire test value range       | 190                                      |                 |
| Operating temperature range | - 10 °C to + 10 °C                       |                 |
| Storage temperature range   | - 30 °C to + 60 °C (<80% RH at 60 °C)    |                 |
| Relative humidity           | 95% RH at 40 °C                          |                 |
| Dimensions (mm)             | L = 100 x W = 70 x D = 25 (PCB assembly) |                 |
| Weight (g)                  | 65                                       |                 |