

## 4-Way Loop Input/Output Interface



The Protec LP4IO is a loop powered input and output device which reports back the state of a monitored input to the fire alarm control panel

### Standards / Approvals

- EN 54-17, EN 54-18
- CE

### Technical Specification

|                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| Product Code                           | 6000/LP4IO                                                             |
| Environment                            | -10°C to +50°C (95% R.H. non condensing)                               |
| Ingress Protection                     | IP20 (no enclosure), IP56 (inside approved enclosure)                  |
| Weight                                 | 135g                                                                   |
| Din Rail Mounted                       | Yes                                                                    |
| Inputs                                 | 4 x Monitored Inputs                                                   |
| Outputs                                | 4 x Clean Contact Outputs                                              |
| Isolator                               | Yes, on board (consult Protec DEL2110 for details)                     |
| Compatible Panels                      | 6500                                                                   |
| Number of Loop Addresses Used          | 4 maximum, user configurable                                           |
| Loop Alarm Current (Average)           | 4 mA                                                                   |
| Loop Alarm Current (Peak)              | 12.5 mA                                                                |
| Loop Protocol                          | 6000/6000PLUS                                                          |
| Loop Powered                           | Yes                                                                    |
| Loop Voltage Range                     | 18 V dc - 28 V dc peak loop                                            |
| Loop Quiescent Current (24V Loop Peak) | 0.7 mA                                                                 |
| Zone Quiescent Current                 | n/a                                                                    |
| Zone Reset Time                        | n/a                                                                    |
| Max Number of Detectors                | n/a                                                                    |
| Detectors Supported                    | n/a                                                                    |
| Sounders Supported                     | n/a                                                                    |
| Clean Contact Output Details           | Single pole changeover rated for 1 A maximum at 30 V dc (noninductive) |
| Dimensions (mm)                        | 137(W) x 90(H) x 32.2(D)                                               |
| Technical Documentation                | DEL2238                                                                |

Data within this document are subject to change without notice.

Protec Fire and Security Group Ltd. Protec House, Churchill Way, Nelson, BB9 6RT  
[www.protec.co.uk](http://www.protec.co.uk) | [sales@protec.co.uk](mailto:sales@protec.co.uk) | [support.protec.co.uk](mailto:support.protec.co.uk) | +44 1282 717171