Keltron’s PET402 is one of a series of distributed-multiplex, addressable transceivers that provide a low cost and reliable method of protecting a wide range of proprietary, commercial, and industrial buildings and complexes.

The PET402 is especially appropriate for use in campus environments and industrial complexes because it enables reliable use of existing wire and wiring topologies for all communication between modules and the central monitoring host. The PET402 module and the FACP may be located up to several miles apart when using an optional modem.

**Keltron PET402 benefits**

- **Reliability**: high-performance error-detection during serial, multiplexed signal transmission
- **Low cost**: retransmits serial data output from multiple FACPs with a cost saving wiring flexibility
- **Flexibility**: compatible with multiple FACPs from different manufacturers

**Keltron PET402 features**

- Compact and easy to install
- Contains both serial alarm input circuity and full RS485 signaling circuit capability
- Contains two independent RS485 ports that each regenerate and retransmit signals
- Branching minimizes wiring and allows miles of distance capability
- NFPA 72 signaling line circuit classes A or B to style 7
- Wide range low power input - 17.6V at 80mA
- Serial data input RS-232C with software and hardware handshake
- Communications link is supervised when supported by the monitored FACP
- Runs from FACP power with no compromise of ground fault detection
- Enclosure may include optional tamper switch whose condition is reported to the host

**Specifications**

**Input:** 1 serial data channel RS232C with XON/XOFF and CTS/RTS handshaking

**Compatibility:**
- **Monitors**: DMP703 central processor and DMP704 system
- **Panels**: Consult Factory

**Communications**: RS485 to NFPA Style 7 distributed multiplrx 4000 feet range or, with branching virtually unlimited

**Power:**
1. DC 8 - 27 VDC, 75mA,
2. IDC (isolated) 15-24V, 100mA
3. AC 108-132V RMS (isolate), 1A

**Mechanical**: 4.8” x 5.2” PC board Mount within FACP or locking enclosure - red or tan
11.375” x 11.375” x 3.5” in a PETBX for wall mounting
A PETENC enclosure that holds 6 units is also available.

**Shipping weight**: PET box = 6 lbs, PC boards - DC/- IDC = 1 lb, - AC = 2 lbs

**Environmental**: Temperature range 0º to 49ºC, humidity 0 to 85% non-condensing

¹Note: limit is 4Kft per EIA RS485; our low Baud rates do 10Kft between PETs with 18AWG wiring.