PyroMiniBus
Infrared Temperature Sensors with RS-485 Modbus





To Panel PC, Modbus PLC or SCADA

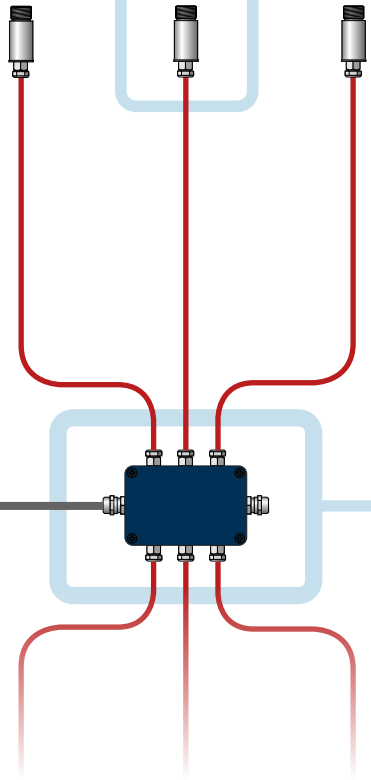


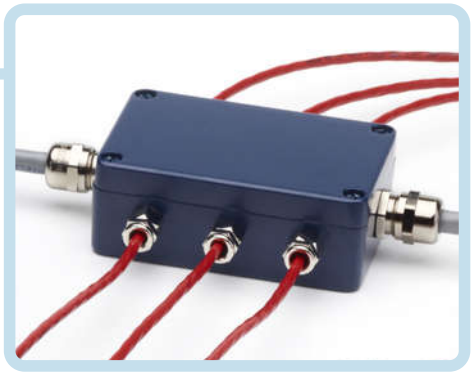
PM180 (282-5145)

Touch screen display unit (optional)

- 6-channel touch screen
- RS-485 Modbus Master interface for up to 6 sensors
- Ideal as a local temperature display
- On-screen alarms
- Data logging to MicroSD Card
- RS-485 Modbus Slave interface for connection to another Modbus network
- Configure sensors and optional analogue/ relay output modules

RS-485 cable





PyroMiniBus (205-3247)

Infrared temperature sensors

- Measurement range -20°C to 1000°C
- Miniature sensors with direct RS-485 Modbus RTU communications
- Withstands ambient temperatures up to 120°C
- Robust, industrial stainless steel construction
- Sensors can be connected directly to third-party RS-485 Modbus hardware such as a PLC or SCADA

Accessories

Adjustable mounting bracket
(779-4317)



Air purge collar
(779-4311)



PMBHUB (282-5146)

Junction box (optional)

- Up to 6 sensors plus network bus in/out
- Removable screw terminals for easy wiring
- IP65 die-cast housing

Flexible and versatile

Calex sensors are ideal for use as part of non-contact temperature measurement systems.

With the addition of just a 24 V DC power supply and an RS-485 cable, the PM180, PyroMiniBus sensors and PMBHUB junction box form a small, simple, standalone general-purpose system. This can itself be connected via the PM180's Slave interface as a single device on another Modbus network.

Alternatively, the open RS-485 Modbus protocol makes it easy to connect a network of Calex sensors directly to an industrial monitoring system.

If the PyroMiniBus is installed as part of a larger system using third-party monitoring software, it's possible to measure hundreds or even thousands of locations simultaneously.