

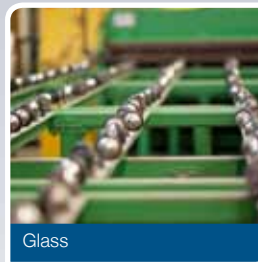
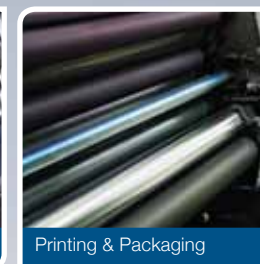
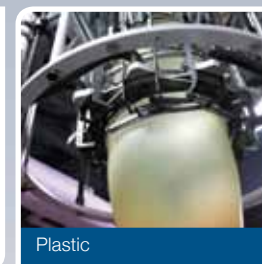
infrared temperature measurement solutions for industry

Since 1973, Calex has been providing high-quality, cost-effective, temperature measurement and power conversion solutions for industries worldwide.

In-house design and manufacturing is focused on infrared temperature sensors and AC/DC power supplies.

Calex offers a wide range of complementary products including thermocouples, resistance thermometers, fibre-optic temperature sensors, controllers, indicators and DC/DC converters.

Calibration facilities are available at head office giving traceability to UKAS standards.



www.calex.co.uk





PyroCouple

- Temperature range: -20°C to 500°C
- 2-wire 4-20 mA output or 4-wire voltage/thermocouple output
- 4-wire PyroCouple indicates internal sensor temperature
- Emissivity setting fixed at 0.95
- 2:1, 15:1, 30:1 or close focus optics
- Rugged IP65 stainless steel housing for strength and hygiene
- Optional mounting brackets, laser sighting tool, air purge collar and air/water cooled housing



PyroCouple M

- Miniature sensing head
- 4-wire sensor with 4-20 mA, voltage or thermocouple output
- Temperature range: -20°C to 500°C
- 2:1, 15:1, 30:1 or close focus optics
- Rugged IP65 stainless steel sensing head for strength and hygiene
- Optional mounting brackets, laser sighting tool and air purge collar



PyroEpsilon

- Temperature Range: -20°C to 500°C
- 2-wire 4-20 mA output
- Adjustable emissivity via 4-20 mA input
- 2:1, 15:1, 30:1 or close focus optics
- Rugged IP65 stainless steel housing for strength and hygiene
- Optional mounting brackets, laser sighting tool, air purge collar and air/water cooled housing
- Optional PyroTune emissivity adjuster



PyroPen

- Conveniently clips into your pocket just like a pen
- -20°C to 500°C temperature range
- High accuracy and reliability
- Displays maximum, minimum, average and current temperatures in °C or °F
- 8:1 field of view
- Optional laser sighting
- Optional USB data logging & data acquisition



PyroUSB

- Configurable temperature range, emissivity setting etc. from a PC via CalexSoft software (supplied)
- 4-20 mA output
- 8-14 micron sensors measure from -40°C to 1000°C
- 2.0-2.4 micron sensors measure from 45°C to 2000°C
- Maximum, minimum, average and instantaneous readings; peak or valley hold; OPC Server
- Wide range of optics available
- Rugged IP65 stainless steel housing
- Optional mounting brackets, laser sighting tool, air purge collar and air/water cooled housing



PyroBus

- Built-in RS 485 Modbus RTU Interface for easy systems integration
- Temperature Range: -20°C to 500°C
- 2:1, 15:1, 30:1 or close focus optics
- Optional touch-screen terminal for configuring and displaying data from multiple sensors
- Adjustable emissivity setting and filtering
- Max, min, average and instantaneous readings; peak or valley hold; reflected energy compensation
- Optional air/water cooled housing, air purge collar, laser sighting tool and mounting bracket



PyroTrip

- IR temperature transmitter and alarm unit for condition monitoring
- Temperature Range: 0°C to 250°C
- Intrinsically Safe option for hazardous areas, including dusty environments
- Sensor can be mounted close to the target and withstands 150°C ambient temperatures without cooling
- Built-in air purge facility
- Secondary electronics unit with two fully configurable alarm relays, LCD display, LED status lamps and 4-20mA output



AC:DC Linear Power Supplies

- Open Frame single, dual and triple output designs
- DIN Rail mounting for instrumentation applications
- Chassis mounting with single or dual outputs
- Very low ripple
- RoHS compliant versions available
- Custom designs available