PRY-CAM INFRARED is a contactless compact smart sensor using infrared technology to detect temperature of objects.

KEY FEATURES

- Hotspot monitoring
- Contactless
- Compact
- Environmental temperature detection
- Designed to be used in static and closed environment (e.g. link boxes)
- Suitable for SVL monitoring in linkboxes or for MV/LV transformers
- Sensing accuracy better than 1 °C
- Integrated with PRY-CAM Cloud platform
- Daisy-chain connection of multiple sensors allowed

WHY IT IS GOOD FOR YOUR BUSINESS

- Contactless sensor offers greater safety for equipment and maintenance operators
- Low power consumption
- High sensing accuracy
- Can be supported by special algorithm for SVL failures
- Can be integrated within the PRY-CAM SYSTEM monitoring solution
PRY-CAM INFRARED TECHNICAL SPECIFICATIONS

**Sensing distance:** 2 to 50 cm

**Distance to spot/diameter ratio:** 1:0.175

**Field of view:** 10°

**Temperature range [measure]:** -70 to +380 °C

**Temperature range [environm.]:** -20 to +80 °C

**Accuracy:** better than 1° C

**Communication interface:** RS 485

**Communication Protocol:** Modbus RTU or Proprietary Serial

**Working voltage:** 5.0 V to 14.0 V (typ. 12 V) DC

**Power requirement:** ~800 mW (~65 mA @ 12 V)

**Address range:** 0 to 256

**Connector:** 2 x PG7 Cable Gland or M8 type 4 pin (optional)

**Enclosure:** Aluminium with flanged lid and fixing holes

**Sensor side:** Front or Back (optional)

**Dimensions:** 103 x 95 x 35 mm

**Weight:** 170g +/- 2g