PRY-CAM INFRARED

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

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For data-driven power

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

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