

Data Sheet:
PHIR-2-P-30





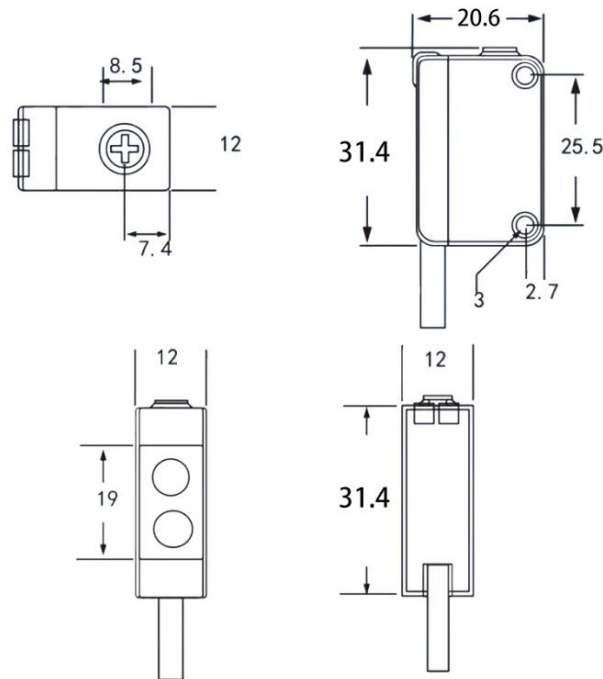
Introduction:

Infrared proximity sensor with background suppression and a sensing range up to 30 cm, designed for reliable object detection regardless of color or surface characteristics. Ideal for industrial automation, ensuring stable performance on dark, shiny, or transparent materials. Features adjustable sensitivity, fast response time, and integrated LED indicator. Compact design, easy installation, and high reliability. with a sensing range up to 30 cm, designed for reliable object detection regardless of color or surface characteristics. Ideal for industrial automation applications requiring stable performance on dark or reflective materials. Features adjustable sensitivity, fast response time, and integrated LED indicator. Compact design, easy installation, and high reliability.



Certification: CE.

Dimension(mm):



Parameter:

- Voltage: 10–30 VDC
- Current consumption $\leq 17\text{mA}$
- Infrared
- Range 10-300mm
- Repeatability 2%



- Repeatability Accuracy 1mm
- Response time < 1ms
- Spot diameter 1-2mm
- Output: PNP NO
- Cable length: 2 m (4 wires)
- IP 67
- Ambient Temperature -25°C to +55°C
- Short circuit Protection
- Overload protection
- Anti-polarity protection
- Output signal indicator orange led
- Power indicator green led

Wiring instruction:

PNP

