

Hot Metal Detection

Non Contact Temperature Measurement

Precise temperature control is essential for many metal forming operations. This non contact device accurately determines temperature increasing process efficiency and improving product quality.



- 270°C - 1100°C
- Detection distance 2 - 4m
- Configurable NPN or PNP outputs
- Intuitive setup
- Compact & rugged: IP66
- 24VDC, 110VAC or 240VAC
- Suitable for wire fabrication

Specification:

| Hot Metal Detection | |
|----------------------|---|
| Supply Voltage: | 24VDC \pm 15%, 6W 110 VAC (optional 240 VAC) |
| Relay Outputs: | Adjustable NPN, PNP (cradle relay): Other options available |
| Display | Power, Function, Self Check, Threshold, Response Time |
| Light Source: | 650nm laser diode; red light |
| Operating Temp 1: | With Water Cooling Connected: -25°C - 90°C |
| Operating Temp 2: | Without Water Cooling Connected: -25°C - 62°C |
| Connection: | Plug (IP65), 2m Cable |
| Protection: | IP66 |
| Dimensions / Weight: | 276mm x 162mm x 87mm, 2Kg |
| Technology: | InGaAs Diode |
| Sensing Range: | 265°C - 1100°C |
| Response Time: | Adjustable to 1ms |
| Options: | Protection Shield, Air Purge, focussing for wires / fibres |

Dimensions:

