



Intrinsically Safe ThermoPen TMTP 200Ex



The SKF ThermoPen is available in an intrinsically safe (Ex) version, especially designed for use in explosive hazardous areas. The Intrinsically Safe ThermoPen has been tested and approved for use in high-risk areas, such as:

Underground as well as surface sections of mines

Areas where explosive atmospheres caused by mixtures of air and gasses, vapors or mists are present

Areas where explosive atmosphere caused by a mixture of air and dust is present

Intrinsically safe; one of few thermometers approved for use in the highest risk areas

Certified conforming to ATEX, EC type examination ISSeP02ATEX054X Approvals: Mining I M1 EEx ia I

Other areas II 1GD EEx ia IIC T4 IP 65

- Intrinsically safe; one of few thermometers approved for use in the highest risk areas
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- **Approvals:**
 - **Mining I M1 EEx ia I**
 - **Other areas II 1GD EEx ia IIC T4 IP 65**
- Dust tight and water resistant, rated IP 65
- 1 m (3.2 ft) drop resistant
- Wide measurement range, from -40 to 200 °C (-40 to 392 °F) with reading displayed in °C or °F
- Compact, ergonomic design
- Auto power off function

Technical Data:

- Temperature range: -40 to 200 °C (-40 to 392 °F)
- Electronics accuracy: ± 0,5 °C (± 0.9 °F)
- Display resolution: 1 °C/°F
- Probe: Integrated K-Type
- Dimensions: 165 x 50 x 21 mm (6.5 x 2 x 0.8 in)
- Weight: 95 g (3.4 oz)
- Battery: 3 x AAA (LR03) Only Duracell PC2400/MN2400 batteries are allowed in Ex areas
- Battery lifetime: 2000 hours (average)
- Switch off: Button or automatic after 5 minutes
- Display indications: Temperature, °C or °F, maximum temperature, out of range, defective probe, low battery
- IP rate: IP 65
- Drop resistance: 1 m (3.2 ft)
- EC Type examination: ISSeP02ATEX054X
- Ex classification: I M1 EEx ia I II 1GD EEx ia IIC T4 IP65

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