

Datasheet

Miniature-Infrared-Thermometer Optris CSmicro LT H... OPTCSMVLT15S



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|---------------------------------|---|
| Article ID | OPTCSMVLT15S |
| Model | Miniatur-Infrarot-Thermometer Optris CSmicro LT HS |
| Variante | integrated electronic |
| Temperature range | -20°C ... 150°C |
| Spectral range | 8 ... 14 µm |
| Optical resolution (D:S) | 15 : 1 |
| Spot size: up from | 0,8 mm |
| System accuracy | ±1°C or ±1% at ambient temperature 23±5°C |
| Repeatability | ±(0,3% of reading +0,3°C) at ambient temperature 23±5°C |
| Emissivity | 0,10 ... 1,10 |
| Response time | 150 ms |
| Temperature resolution | 0,025 K |
| Power supply | 5 - 30 VDC |
| Outputs | 0 ... 5/10 V, Alarm output 0-30V / 50 mA (open collector) |
| Interface optional | USB |
| Software | optris CompactConnect (Windows), IRmobile (Android) |

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| Ambient temperature sensor head | -20°C ... 75°C |
| Ambient temperature electronics | -20°C ... 80°C |
| Sighting scope | LED aiming |
| Application | Non-metals |
| Manual | Bedienungsanleitung Optris CSmicro Serie |