

## Datasheet

### Compact-Infrared-Thermometer Optris CT 1MH

OPTCT1MH



<b>Article ID</b>	OPTCT1MH
<b>Model</b>	Kompakt-Infrarot-Thermometer Optris CT 1MH
<b>Variante</b>	separate electronics box with programming buttons and display
<b>Temperature range</b>	650°C ... 1800°C
<b>Spectral range</b>	1,0 µm
<b>Optical resolution (D:S)</b>	75 : 1
<b>Spot size: up from</b>	1,5 mm
<b>System accuracy</b>	±2°C oder ±0,3% at ambient temperature 23±5°C
<b>Repeatability</b>	±(0,1% of reading +1°C) at ambient temperature 23±5°C
<b>Emissivity</b>	0,10 ... 1,10
<b>Response time</b>	1 ms
<b>Temperature resolution</b>	0,1 K
<b>Power supply</b>	8 - 36 VDC
<b>Outputs</b>	0/4 ... 20 mA, 0 ... 5/10 V, Thermocouple J+K, Alarm output 24V / 50 mA (open collector), Relay: 2 x 60 VDC / 0,4 A optically isolated (optional)
<b>Interface optional</b>	USB, RS232, RS485, Profibus DP, Ethernet, CAN
<b>Software</b>	optris CompactConnect (Windows), IRmobile (Android)

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<b>Ambient temperature sensor head</b>	-20°C ... 100°C
<b>Ambient temperature electronics</b>	0°C ... 85°C
<b>Sighting scope</b>	without
<b>Application</b>	Metal / Ceramic, Molten metal, Non-metals
<b>Manual</b>	<a href="#">Bedienungsanleitung Optris CT Serie</a>