

## Datasheet

### Compact-Infrared-Thermometer Optris CThot 02H

OPTCTLT02H



<b>Article ID</b>	OPTCTLT02H
<b>Model</b>	Kompakt-Infrarot-Thermometer Optris CThot 02H
<b>Variante</b>	separate electronics box with programming buttons and display
<b>Temperature range</b>	-40°C ... 975°C
<b>Spectral range</b>	8 ... 14 µm
<b>Optical resolution (D:S)</b>	2 : 1
<b>Spot size: up from</b>	2,5 mm
<b>System accuracy</b>	±1,5°C or ±1% at ambient temperature 23±5°C
<b>Repeatability</b>	±(0,5% of reading +0,5°C) at ambient temperature 23±5°C
<b>Emissivity</b>	0,10 ... 1,10
<b>Response time</b>	100 ms
<b>Temperature resolution</b>	0,25 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>Thermal Sensitivity (NETD)</b>	250 mK
<b>Interface optional</b>	USB, RS232, RS485, Profibus DP, Ethernet, CAN

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<b>Software</b>	optris CompactConnect (Windows), IRmobile (Android)
<b>Ambient temperature sensor head</b>	-20°C ... 250°C
<b>Ambient temperature electronics</b>	0°C ... 85°C
<b>Sighting scope</b>	without
<b>Application</b>	Non-metals
<b>Manual</b>	<a href="#">Bedienungsanleitung Optris CT Serie</a>