

Datasheet

Compact-Infrared-Thermometer Optris CT 3MH

OPTCT3MH



Article ID	OPTCT3MH
Model	Kompakt-Infrarot-Thermometer Optris CT 3MH
Variante	separate electronics box with programming buttons and display
Temperature range	100°C ... 600°C
Spectral range	2,3 µm
Optical resolution (D:S)	33 : 1
Spot size: up from	3,4 mm
System accuracy	±2°C oder ±0,3% at ambient temperature 23±5°C
Repeatability	±(0,1% of reading +1°C) at ambient temperature 23±5°C
Emissivity	0,10 ... 1,10
Response time	1 ms
Temperature resolution	0,1 K
Power supply	8 - 36 VDC
Outputs	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)
Interface optional	USB, RS232, RS485, Profibus DP, Ethernet, CAN
Software	optris CompactConnect (Windows), IRmobile (Android)

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**Ambient temperature
sensor head**

-20°C ... 85°C

**Ambient temperature
electronics**

0°C ... 85°C

Sighting scope

without

Application

Metal / Ceramic, Non-metals

Manual

[Bedienungsanleitung Optris CT Serie](#)