

Datasheet

Compact-Infrared-Thermometer Optris CT 2MH1

OPTCT2MH1



Article ID	OPTCT2MH1
Model	Compact-Infrared-Thermometer Optris CT 2MH1
articlenumber	OPTCT2MH1SF, OPTCT2MH1CF, OPTCT2MH1SFCB8, OPTCT2MH1CFCB8, OPTCT2MH1SFCB15, OPTCT2MH1CFCB15
Variante	separate electronics box with programming buttons and display
Temperature range	490°C ... 2000°C
Spectral range	1,6 µm
Optical resolution (D:S)	75 : 1
Spot size: up from	1,5 mm
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

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Software	optris CompactConnect (Windows), IRmobile (Android)
Ambient temperature sensor head	-20°C ... 125°C
Ambient temperature electronics	0°C ... 85°C
Sighting scope	without
Application	Metal / Ceramic, Molten metal, Non-metals
Manual	Manual Optris CT series
Alternative product numbers	CTM-2CF75H1-C3, CTM-2CF75H1-C8 CTM-2SF75H1-C3, CTM-2SF75H1-C8