

Datasheet

Compact-Infrared-Thermometer Optris CT 1ML

OPTCT1ML



Article ID	OPTCT1ML
Model	Kompakt-Infrarot-Thermometer Optris CT 1ML
Variante	separate electronics box with programming buttons and display
Temperature range	485°C ... 1050°C
Spectral range	1,0 µm
Optical resolution (D:S)	40 : 1
Spot size: up from	2,7 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
Software	optris CompactConnect (Windows), IRmobile (Android)
Ambient temperature sensor head	-20°C ... 100°C

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Ambient temperature electronics	0°C ... 85°C
Sighting scope	without
Application	Metal / Ceramic, Non-metals
Manual	Bedienungsanleitung Optris CT Serie