

Datasheet

Miniature-Infrared-Thermometer Optris CSmicro 3MH OPTCSMA3MH



Article ID	OPTCSMA3MH
Model	Miniatur-Infrarot-Thermometer Optris CSmicro 3MH
Variante	integrated electronic
Temperature range	100°C ... 600°C
Spectral range	2,3 µm
Optical resolution (D:S)	33 : 1
Spot size: up from	1,0 mm
Repeatability	±(0,1% of reading +1°C) at ambient temperature 23±5°C
Emissivity	0,100 - 1,100
Response time	20 ms
Temperature resolution	0,1 K
Power supply	5 - 30 VDC
Outputs	4 ... 20 mA, Alarm output 0-30V / 500 mA (open collector)
Thermal Sensitivity (NETD)	50 mK
Interface optional	USB
Software	optris CompactConnect (Windows), IRmobile (Android)

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Ambient temperature sensor head	-20°C ... 85°C
Ambient temperature electronics	-20°C ... 75°C
Sighting scope	LED aiming
Application	Metal / Ceramic, Non-metals
Manual	Bedienungsanleitung Optris CSmicro Serie