

Datasheet

Miniature-Infrared-Thermometer Optris CSmicro 2ML

OPTCSMA2ML



Article ID	OPTCSMA2ML
Model	Miniature-Infrared-Thermometer Optris CSmicro 2ML
Variante	integrated electronic
Temperature range	250°C ... 800°C
Spectral range	1,6 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	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)	40 mK
Interface optional	USB
Software	optris CompactConnect (Windows), IRmobile (Android)

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Ambient temperature sensor head	-20°C ... 125°C
Ambient temperature electronics	-20°C ... 75°C
Sighting scope	LED aiming
Application	Metal / Ceramic, Non-metals
Manual	Manual Optris CSmicro series