

Datasheet

Miniature-Infrared-Thermometer Optris CSmicro LT15... OPTCSMALT15H



Article ID	OPTCSMALT15H
Model	Miniatur-Infrarot-Thermometer Optris CSmicro LT15H
Variante	integrated electronic
Temperature range	-50°C ... 1030°C
Spectral range	8 ... 14 μm
Optical resolution (D:S)	15 : 1
Spot size: up from	0,8 mm
System accuracy	$\pm 1^\circ\text{C}$ or $\pm 1\%$ at ambient temperature $23\pm 5^\circ\text{C}$
Repeatability	$\pm(0,5\%$ of reading $+0,5^\circ\text{C}$) at ambient temperature $23\pm 5^\circ\text{C}$
Emissivity	0,100 - 1,100
Response time	150 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

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Software	optris CompactConnect (Windows), IRmobile (Android)
Ambient temperature sensor head	-20°C ... 180°C
Ambient temperature electronics	-20°C ... 75°C
Sighting scope	LED aiming
Application	Non-metals
Manual	Bedienungsanleitung Optris CSmicro Serie