

## Datasheet

### High-performance-Pyrometer Optris CSlaser LT

OPTCSLLT



<b>Article ID</b>	OPTCSLLT
<b>Model</b>	High performance Pyrometer Optris CSlaser LT
<b>articlenumber</b>	OPTCSLLTSF, OPTCSLLTCF1, OPTCSLLTCF2, OPTCSLLTCF3, OPTCSLLTCF4
<b>Variante</b>	integrated electronic
<b>Temperature range</b>	-30°C ... 1000°C
<b>Spectral range</b>	8 ... 14 µm
<b>Optical resolution (D:S)</b>	50 : 1
<b>Spot size: up from</b>	1,4 mm
<b>System accuracy</b>	±1°C or ±1% at ambient temperature 23±5°C
<b>Repeatability</b>	±(0,5% of reading +0,5°C) at ambient temperature 23±5°C
<b>Emissivity</b>	0,10 ... 1,10
<b>Response time</b>	150 ms
<b>Temperature resolution</b>	0,1 K
<b>Power supply</b>	5 - 30 VDC
<b>Outputs</b>	4 ... 20 mA, Alarm output 0-30V / 500 mA (open collector)
<b>Interface optional</b>	USB

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<b>Software</b>	optris CompactConnect (Windows), IRmobile (Android)
<b>Ambient temperature sensor head</b>	-20°C ... 85°C
<b>Ambient temperature electronics</b>	-20°C ... 85°C
<b>Sighting scope</b>	Double laser
<b>Application</b>	Non-metals
<b>Manual</b>	<a href="#">Manual Optris CSLaser series</a>
<b>Alternative product numbers</b>	CSL-CF1, CSL-CF2, CSL-CF3, CSL-SF50, CSL-CF4