

OPTCSMA3MHSF0505 Cut Sheet



Optris CSmicro 3M infrared pyrometer, 100 to 600 deg C, 2.3 μm spectral range, 4-20 mA, alarm or pulse output, 5-30 VDC operating voltage, M12x1 threaded end mount, 1m integral 5-conductor shielded cable.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/OPTCSMA3MHSF0505>

Technical Specifications

Brand	Optris
Item	Pyrometer
Sensor Type	Infrared
Series	CSmicro 3M
Application	Low-temperature metallic surfaces and measurement through glass
Temperature Sensing Range	100 to 600 deg C
Spectral Range	2.3 μm
Output	4-20 mA, alarm or pulse
Response Time	20ms

Distance To Spot Size Ratio	33:1 (48.5mm @ 1600mm)
Operating Voltage	5-30 VDC
Operating Temperature	-20 to 85 deg C
Mounting	M12x1 threaded end
Electrical Connection	1m integral 5-conductor shielded cable
Requires	An Optris ACCSMIAC configuration cable and Optris PC or Android software (free download from the AutomationDirect Web site or Google Play) for sensor configuration

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/OPTCSMA3MHSF0505.pdf>
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