

# OPTCSMA3MLSF33 Cut Sheet



Optris CSmicro 3M infrared pyrometer, 50 to 350 deg C, 2.3  $\mu\text{m}$  spectral range, 4-20 mA, alarm or pulse output, 5-30 VDC operating voltage, M12x1 threaded end mount, 6m 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/OPTCSMA3MLSF33>

## Technical Specifications

<b>Brand</b>	Optris
<b>Item</b>	Pyrometer
<b>Sensor Type</b>	Infrared
<b>Series</b>	CSmicro 3M
<b>Application</b>	Low-temperature metallic surfaces and measurement through glass
<b>Temperature Sensing Range</b>	50 to 350 deg C
<b>Spectral Range</b>	2.3 $\mu\text{m}$
<b>Output</b>	4-20 mA, alarm or pulse
<b>Response Time</b>	20ms

<b>Distance To Spot Size Ratio</b>	22:1 (50mm @ 1100mm)
<b>Operating Voltage</b>	5-30 VDC
<b>Operating Temperature</b>	-20 to 85 deg C
<b>Mounting</b>	M12x1 threaded end
<b>Electrical Connection</b>	6m integral 5-conductor shielded cable
<b>Requires</b>	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

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/OPTCSMA3MLSF33.pdf>  
See store item page for other formats.