

# OPTCSMA3MHSF33 Cut Sheet



Optris CSmicro 3M infrared pyrometer, 100 to 600 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/OPTCSMA3MHSF33>

## 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> | 100 to 600 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> | 33:1 (48.5mm @ 1600mm)  |
| <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/OPTCSMA3MHSF33.pdf>  
See store item page for other formats.