



## ML-020S-O Lux Sensor

CIE Photopic Response

Glass dome plus diffusor optics

Low temperature dependency

Outdoor measurements

The MS-020S-O illuminance sensors is an all-weather sensor having a customized detector sensitivity for outdoors high light level applications. The built-in interference filter in conjunction with the detectors spectral response reproduces the CIE photopic curve and gives a calibrated output in lux (lx). Both sensors can be found in many professional applications to control or monitor industrial processes.

| <b>Specifications</b>   | <b>ML-020S-O</b>      |
|---|-----------------------|
| <b>Irradiance range</b>   | 0 - 150000 Lx         |
| <b>Output</b>   | 0 - 30000 $\mu$ V     |
| <b>Impedance</b>  | 280 $\Omega$          |
| <b>Operating temperature range</b>  | -10 - 50 $^{\circ}$ C |
| <b>Temperature response -10<math>^{\circ}</math>C to 50<math>^{\circ}</math>C</b> | 0.4 %                 |
| <b>Cable length</b>   | 5 m                   |

| <b>Options</b>        | <b>ML-020S-O</b> |
|-----------------------|------------------|
| <b>Cable length</b>   | 10/30/50 m       |
| <b>Leveling Plate</b> | Optional         |

Specifications are subject to change without further notice.