



ML-020S-I Lux Sensor

Technical Specifications

Fast Response time (10 ms)

CIE Photopic Response

Glass dome plus diffusor optics

Low temperature dependency

Indoor Measurements

The ML-020S-I illuminance sensor is an all-weather sensors with a customized detector sensitivity for indoor low light level or outdoor 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.

The low output Voltage of the sensor can be easily converted to a 4-20mA current or higher Voltage using the MS-4..20mA converter. The mV/mA converter can be pre-programmed and optimized within the operating range compatible with common measurement equipment.

	ML-020S-I
Irradiance range	0 - 30000 Lx
Output	0 - 30000 μ V
Impedance	1300 Ω
Operating temperature range	-10 - 50 $^{\circ}$ C
Temperature response -10$^{\circ}$C to 50$^{\circ}$C	0.4 %
Cable length	5 m

Options	ML-020S-I
Cable length	10/30/50 m
Leveling Plate	Optional

Specifications are subject to change without further notice.