

## SUNLIGHT INTENSITY TRANSMITTER MMSP1

The MMSP1 silicon transmitter is used for measuring the solar intensity. Voltage value changes linearly according to the solar intensity. The transmitter has an integrated amplifier. Therefore the sensor signal is amplified and output as a norm signal. The MMSP1 can output up to four different norm signals (three voltage and one ampere signals).

The MMSP1 can be used irrespective of the weather conditions and under any angle of inclination.



### Technical data

supply	5...30 Vdc, about 30 mW
range	0...1500 W/m <sup>2</sup>
accuracy	± 5 % (annual mean)
outputs	0...10 Vdc* 0...3.125 Vdc 0...150 mV 4...20 mA*
cable gland	M16
housing	IP65
dimensions	80 x 150 x 60 mm

\* Supply must be at least 12 V.

### Wiring

1	0...10 Vdc output
2	0...3.125 Vdc output
3	0...150 mV output
4	supply, 5...30 Vdc
5	4...20 mA output
6	GND
T <sub>1</sub>	not in use
T <sub>2</sub>	not in use

**NOTE:** Only one measuring output can be used at the time.

### Order guide

Model	Product no.	Description
MMSP1	1133360	sunlight intensity transmitter

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).