



Radiation

Brightness

Brightness Transmitter

The instrument serves for the acquisition of the daylight intensity, and is adapted to the sensitivity of the human eye. The linearized electrical output signal can be used for the control of shading devices, heating systems, and irrigation plants.



Order No.	Technical Data	
7.1414.10.xxx	Measuring range	0 - 100 000 lux
7.1414.12.xxx		0 - 20 000 lux
7.1414.15.xxx		0 - 5 000 lux
7.1414.22.xxx		0 - 2 000 lux
.xx.040	Electrical output	0 - 20 mA (600 Ohm)
.xx.041		4 - 20 mA (600 Ohm)
.xx.061		0 - 10 V (max. 10 mA)
	Accuracy	±3 % of mr.
	Spectral range	0,350 - 0,775 µm
	Half angle	±60 degree
	Operating voltage	24 V AC/DC
	Protection	IP 65
	Dimensions	80 x 82 x 65 mm
	Weight	0,15 kg

Brightness Transmitter

independent of the direction

The measuring transmitter adapted to the sensitivity of the human eye serves for the acquisition of the total ambient brightness. The measuring range and the electrical output can be set through internal code-switches. The standardized output of the measuring value allows the connection to available control systems.



Order No.	Technical Data	
7.1414.50.000	Measuring range programmable	0 - 100 000 lux
		0 - 10 000 lux
		0 - 1 000 lux
	Electrical output programmable	0 - 20 mA (500 Ohm)
		4 - 20 mA (500 Ohm)
		0 - 5 V (max. 5 mA)
	Accuracy	±5 % of mr.
	Half angle	180°
	Operating voltage	12 - 30 VDC
	Ambient temp.	- 30 - + 70°C
	Protection	IP 65
	Cable	5 m long
	Dimensions	Ø 70 x 73 mm
Weight	0,1 kg	

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