

Brightness Transmitter

Model Nr. 7.1414.10/12/15/22/25.xxx

Instruments for:
METEOROLOGY
HYDROLOGY
WATER QUALITY
AIR QUALITY
AIR & GASFLOW



Brightness Transmitter

- Direction-dependant
- Standard version

The instrument serves for the acquisition of the illumination intensity of the daylight 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
7.1414.25.xxx		0 - 50.000 lux
.xx.040	Signal output	0 - 20 mA (600 Ohm)
.xx.041		4 - 20 mA (600 Ohm)
.xx.061		0 - 10 V (max. 10 mA)
	Accuracy	± 3 % of measuring range
	Spectral range	0,420 - 0,675 µm
	Half angle	± 55°
	Operating temperature	-30...+70°C
	Operating voltage	24 VAC/DC
	Connection	clamp connection, screwed cable gland
	Protection	IP 65
	Dimensions	80 x 82 x 65 mm
	Weight	0,15 kg