

## RADIATION

### Brightness Transmitter

**Part number: 7.1414.51.550**

It can be used for the regulation of shading devices, heating- and irrigation plants in automatically controlled green houses or as twilight sensor.

There are two analogue outputs available:

Output 1 offers different, selectable measuring ranges.

Output 2 is used as fixed measuring range, particularly for the twilight range.

The output signals can be delivered as voltage or current.



### Specification

**Part number: 7.1414.51.550**

#### Brightness

Number of channels	2
Measuring range	0 ... 50 Lux or 0 ... 250 Lux or 0 ... 500 Lux or 0 ... 750 Lux and 0 ... 5 Lux
Spectral range	350 ... 820 nm
Accuracy	±3 % of meas range
Acquisition angle elevation	±90 °
Acquisition angle azimuth	0 ... 360 °
Electrical output	0 ... 20 mA or 4 ... 20 mA or 0 ... 10 V

#### General




Power supply	15 ... 36 V DC or 15 ... 24 AC
Ambient temp.	-30 ... +70 °C
Electr. connection	cable, 12 m long
Protection	IP 65
Dimension	Ø 70 x 73 mm
Weight	0.45 kg



## Versions

No other versions of this product are available.

## Accessories

Product	Product name	Brief description
	Traverse for Wind Transmitters Compact 4.3171.3x.000	For mounting the wind transmitter and wind direction transmitter jointly onto a mast. <b>Material</b> Traverse aluminium (AlMgSi0.5) Gripping clamb stainless steel <b>General</b> Sensor distance horizontal 0.8 m Weight 0.35 kg Fixing boring hole Ø 29 mm
	Traverse short for Wind Transmitters Compact 4.3171.4x.000	For mounting one wind transmitter or wind direction transmitter at a mast. <b>Material</b> Traverse aluminium (AlMgSi0.5) Gripping clamb stainless steel <b>General</b> Sensor distance horizontal 0.4 m Weight 0.3 kg Fixing boring hole Ø 29 mm
	Holder compact 506347	The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast. <b>General</b> Mounting for mast tubes Ø 35 ... 50 mm Material stainless steel (V2A) Dimension 80 x 150 mm Weight 0.35 kg Fixing boring hole Ø 32.5 mm

