

## Brightness Transmitter

**Part number: 7.1414.51.150**

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: 7.1414.51.150**

### Brightness

Number of channels	2
Measuring range	0 ... 150 kLux or 0 ... 100 kLux or 0 ... 50 kLux or 0 ... 10 kLux and 0 ... 1 kLux
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, 5 m long

Protection	IP 66
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	<p>For mounting the wind transmitter and wind direction transmitter jointly onto a mast.</p> <hr/> <p><b>Material</b></p> <table border="1"> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> </table> <p><b>General</b></p> <table border="1"> <tr> <td>Sensor distance horizontal</td> <td>0.8 m</td> </tr> <tr> <td>Weight</td> <td>0.35 kg</td> </tr> <tr> <td>Mounting</td> <td>hole Ø 29 mm</td> </tr> </table>	Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	Sensor distance horizontal	0.8 m	Weight	0.35 kg	Mounting	hole Ø 29 mm
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	Traverse short for Wind Transmitters Compact 4.3171.4x.000	<p>For mounting one wind transmitter or wind direction transmitter at a mast.</p> <hr/> <p><b>Material</b></p> <table border="1"> <tr> <td>Traverse</td> <td>aluminium (AlMgSi0.5)</td> </tr> <tr> <td>Gripping clamb</td> <td>stainless steel</td> </tr> </table> <p><b>General</b></p> <table border="1"> <tr> <td>Sensor distance horizontal</td> <td>0.4 m</td> </tr> <tr> <td>Weight</td> <td>0.3 kg</td> </tr> <tr> <td>Mounting</td> <td>hole Ø 29 mm</td> </tr> </table>	Traverse	aluminium (AlMgSi0.5)	Gripping clamb	stainless steel	Sensor distance horizontal	0.4 m	Weight	0.3 kg	Mounting	hole Ø 29 mm
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Holder compact  
506347

The holder serves for the mounting of a wind transmitter, Compact-type, onto an instrument carrier or mast.

**General**

Mounting	for mast tubes Ø 35 ... 50 mm
Material	stainless steel (V2A)
Dimension	80 x 150 mm
Weight	0.35 kg
Mounting	hole Ø 32.5 mm