

RADIATION

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 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. Material Traverse aluminium (AlMgSi0.5) Gripping clamb stainless steel General 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. Material Traverse aluminium (AlMgSi0.5) Gripping clamb stainless steel General 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. General 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

