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 azimut	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	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
Mounting	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
Mounting	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
Mounting	hole Ø 32.5 mm