

Become delighted...

by this new pyranometer.

Due to selected silicon transducers an excellent function and precision will be realised.

Box level is already integrated, so adjustment is very easy to be done by knurled screws.

- measuring range 0...1400 W/m²
- output signal 0...50 mV (passive)
- protection class IP 67
- ready to use with an integrated box level
- easy and fast levelling/mounting due to fixation with integrated knurled screw

routine measurements • agricultural measuring stations • environmental measuring stations • photovoltaic (monitoring and site determination)



Standard Line	(16106)	Pyranometer	Id-No. 00.16106.000 000
Power supply:		not required	
Signal output:		Analog (passive out) 0...50 mV = 0...1400 W/m ²	
Measurement range:		Irradiance 0...1400 W/m ²	
Spectral response:		350...1100 nm	
Accuracy:		<4 % at 1000 W/m ² @22 °C (against Secondary Standard Pyranometer)	
Temperature drift:		0.1 %/K	
Cosine response:		<10 % @80°	
Operating temperature:		-40...+60 °C	
Response time:		<< 1 sec.	
Housing:		Aluminium/ABS · IP67	
Dimensions/ Weight:		Ø 80 mm · H 46 mm · approx. 150 g	
Cable:		2 m · PUR-cable, UV- and heat resistant up to 90 °C, UL approved	
Version:	(16106)	Pyranometer	Id-No. 00.16106.000 080
Power supply U:		Data as above but:	
Current consumption:		12...24 VDC · short circuit, inverse polarity and over-voltage protected up to U	
Signal output:		typical 7 mA	
		Analog voltage 0...10 V · reverse polarity protected	
Accessory:	(8763 S)	Two-channel transducer for Pyranometer (optional), see „Periphery“	
00.08763.055 002			