PYRANOMETER

Global Radiation

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 scew

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/m²	
Measurement range:		Irradiance 0...1400 W/m²	
Spectral response:		350...1100 nm	
Accuracy:		<4 % at 1000 W/m2 @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**
		Data as above but:	
Power supply U:		12...24 VDC · short circuit, inverse polarity and over-voltage protected up to U	
Current consumption:		typical 7 mA	
Signal output:		Analog voltage 0...10 V · reverse polarity protected	
Accessory:			
00.08763.055 002	**(8763 S)**	**Two-channel transducer** for Pyranometer (optional), see „Periphery“	