

Global Radiation Probe Head Type FLA613GS



- ▶ Measuring head in anodized aluminium housing with a plastic dome that is transparent to UV light.
- ▶ Rain and splash-proof system, additionally with desiccant to prevent dome from inside condensation.
- ▶ Particularly suitable for outdoor measurements, e.g. in medical and biological research, weather information and forecast systems, climatology, agriculture and for general public information.

Type (including test protocol)

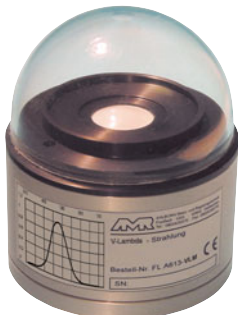
Weather-proof measuring head for measuring the global radiation, incl. ALMEMO® connector with 1.5m cable

Order No. FLA613GS

Technical Data:

Measuring range:	0 to approx. 1200W/m ²
Spectral sensitivity:	400nm to 1100nm
Maximum spectral sensitivity:	780nm
Signal output:	0V to 2V
Power supply:	+5V to +15V
Mounting:	2 screws M4, in base plate
Cable passage:	downwards
Housing:	anodized aluminium
Diffusor:	PTFE
Dome:	PMMA
Cos correction:	error f2 < 3%
Linearity:	< 1%
Absolute error:	< 10%
Residual voltage: (E = 0)	< 10mV
Nominal temperature:	22°C ±2°C
Operating temperature:	-20°C to +60°C
Dimensions:	housing: 55 mm high dome 40 mm high diameter: 80 mm
Weight:	approx. 300 g

Radiation measuring head Type FLA613VLM



- ▶ Measuring head in anodized aluminum housing, with UV-transparent plastic dome.
- ▶ Rain-proof, splash-protected system, with desiccant to prevent condensation forming on the inside of the dome.
- ▶ Especially suitable for measuring operations outdoors, e.g. in medical, biological, and climate research, in weather information forecast systems, in agriculture, and for the purposes of general information for the public.
- ▶ The spectral sensitivity of the receiver corresponds approximately to that of the human eye.

Types (including test protocol)

Weather-resistant measuring head for measuring the radiation intensity including cable, 1.5 m, and ALMEMO® connector

Order No. FLA613VLM

Technical Data:

Measuring range :	0 to 170 klux (approx. 250 W/m ²)
Spectral sensitivity :	360 to 760 nm
Max. spectral sensitivity :	550 nm
Signal output	0 to 2 V
Power supply :	+5 to +15 V
Mounting :	2 screws, M4, in base plate
Cable passage :	downwards
Housing :	anodized aluminum
Diffusor :	PTFE
Dome :	PMMA
Cos correction :	error f2 <3%
Linearity :	<1%
Absolute error :	< 10 %
Residual voltage (E = 0) :	<10 mV
Nominal temperature :	22 ± 2 °C
Operating temperature :	-20 to +60 °C
Dimensions :	Housing : 55 mm high Dome : 40 mm high Diameter : 80 mm
Weight :	approx. 300 g

10/2008 We reserve the right to make technical changes.