

GENIUS SENSOR

GENERAL INFORMATION

The probe GENIUS SENSOR senses the luminous intensity in the environment and transmits it continuously to the control through a communication gate with its own protocol. Thanks to this device the control can carry out a management process of the regulators based on the sensed luminous level. At the same time the probe can be used as crepuscular sensor. The probe is manufactured for exterior and interior wall installations.

CODE	MODEL
100284	GENIUS SENSOR



FUNCTIONAL CHARACTERISTICS

- Light sense with photoresistive cell
- Internal microprocessor for instantaneous processing of the collected data
- Manufactured in IP box for external installations
- Data transferring through shielded cable up to 200 m

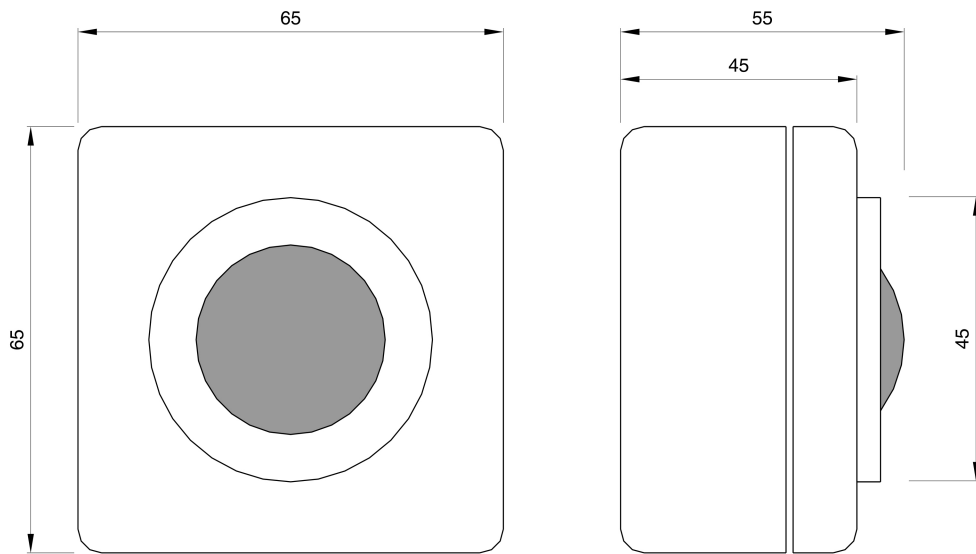
EQUIPMENT

- Connection gate with GENIUS CONTROL
- Bracket for wall fixing

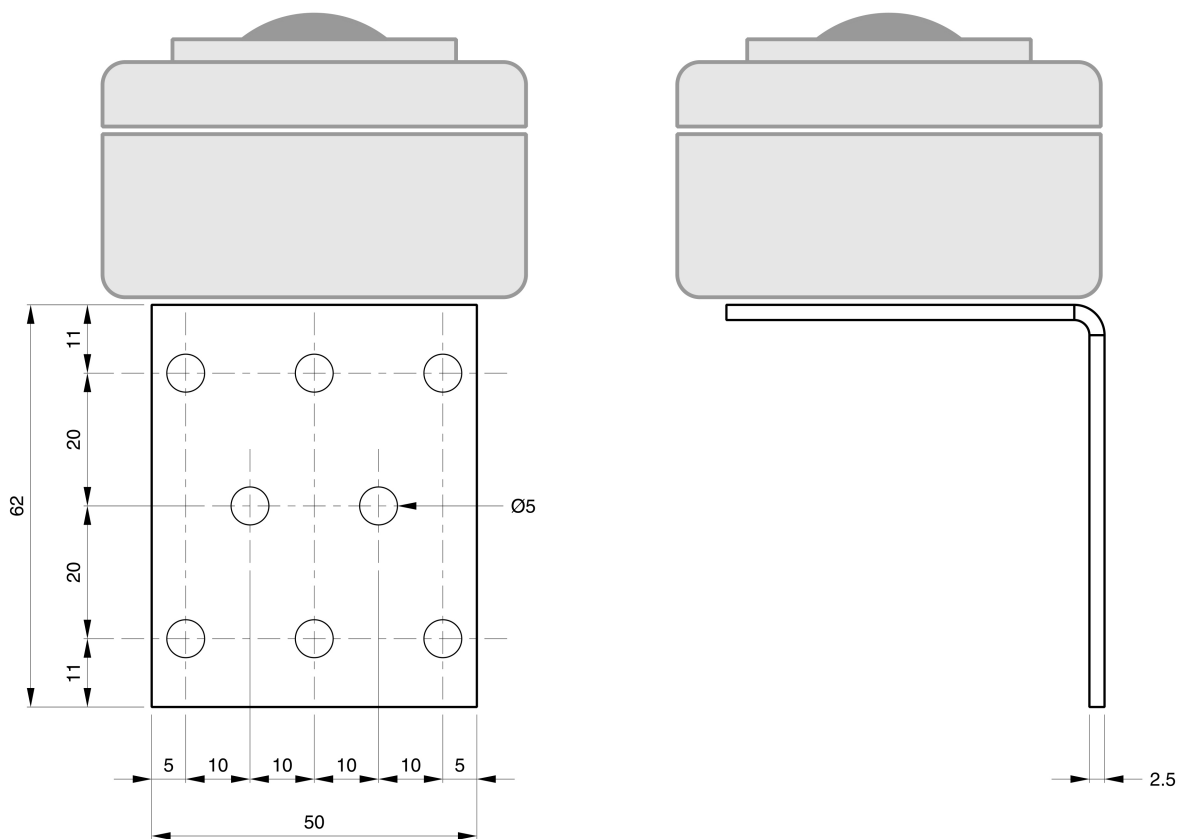
TECHNICAL CHARACTERISTICS

PARAMETER	VALUE
Sensitivity	From 10 to 10.000 Lux
Class of isolation	Class I
EMC emission	In accordance with EN61000-6-2
EMC immunity	In accordance with EN61000-6-3
Operating temperature	From -10°C to +45°C
Stocking temperature	From -25°C to +75°C
Humidity	Up to 90% without condensate
Altitude	2000 m above sea level
Protection degree	IP65
Weight	30g
Terminal section	Rigid conductor 1.5mm ²

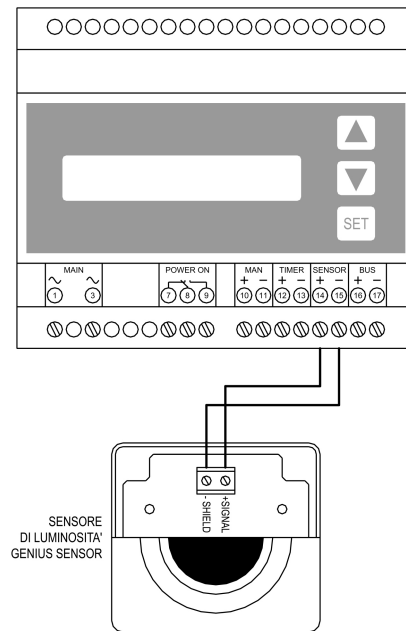
MECHANICAL DIMENSIONS



SIZE OF THE FIXING HOLES



WIRING DIAGRAM



DRAWING 1
Connection of the probe to GENIUS CONTROL CTRL-64