GEO-1

VE747200



GEO-1 is a GPS module that acquires date, time and position data from satellites. These data can be shared with Vemer devices designed to interface with GEO-1, ensuring perfect synchronization at all times. GEO-2 is wall/pole mountable, with 12 Vdc power supply.

General features

- Shockproof polycarbonate resin cover
- Cable gland
- Led for signalling the status of the device
- Compatible with Memo BUS, Memo BUS BT2 and Memo KNX

Technical specifications

Power supply	
Power supply	12 Vdc (-20% ÷ 20%)
Absorption	30 mA
Operating conditions	
Operating temperature range	-20 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Connectable loads	
Incandescent lamps	2000 W
Fluorescent lamps (neon)	1000 VA
Halogen lamps (230 V)	2000 W
Low Consumption Lamps (CLF)	200 W
LED lamps	200 W
Terminations	
Maximum cable cross-section	0.75 ÷ 1.5 mm²
Mechanical features	
Protection degree	IP54
Overall dimensions	
Height (A)	99 mm
Width (B)	52 mm

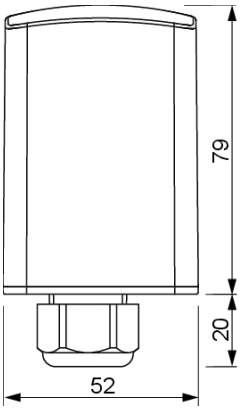
Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

Revision date: 2026-02-02

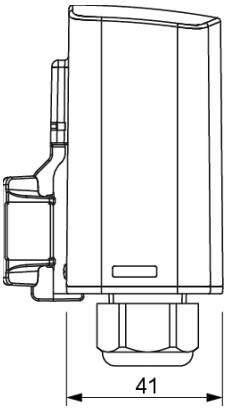
Overall dimensions	
Depth (C)	41 mm
Dimensions	
Cable gland - sheathed cable diameter	6 ÷ 12 mm
Cable gland - thread	M20 x 1.5

Dimensions

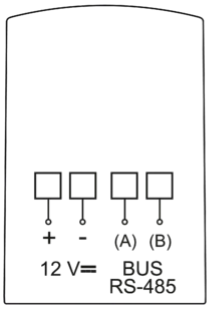
Front View



Side View



Wiring diagram



Product variants

GEO-2

VE789900

GPS module with 2-wire bus for data sharing

Reference standards

Compliance with Community Directives:

• 2014/53/UE (RED) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN 61010-1 • ETSI EN 301 489-1 • ETSI EN 301 489-19 • ETSI EN 303 413 • EN IEC 63000

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