Product Data Sheet

GW90800

Home&Building Pro



_x000D_ The weather station with GPS receiver measures temperature, wind speed, brightness, and detects the presence of rain. It also receives the GPS signal, including date and time, and calculates the exact position of the sun (azimuth and elevation, optimized for UTC time slots between -1 and +3) based on the geographic coordinates and the detected time._x000D_ The measured data can be used to perform automatic switching when configurable thresholds are exceeded. The resulting states can also be used in logical AND/OR operations configurable via ETS._x000D_ All sensors and electronics for connection to the KNX bus are integrated in a single compact housing.The device is intended for installation in the European area.

Communicatie	KNX	Aant. DIN- modules	0
Voeding	24 V ac/dc, max. 100 mA	Verbinding met de KNX bus	KNX busklem
Bedrijfs temperatuur	-30 ...+50 °C	Opslagtemperatuur	-30 ...+70 °C
IP waarde	IP44	Standaard	Transient emissions
Interfaces	KNX TP1	Door KNX bus geabsorbeerde stroom (mA)	Max. 8 mA
Categorie	Weerstation	Afmetingen LxHxD (mm)	96 x 77 x 118
Montage	Wand-/mastmontage	Kleur	Wit
Current consumption	Max. 185 mA a 12 V DC; e Max. 81 mA a 24 V DC con ripple 10%	Rain sensor heater power	1.2 W a 24V
Temperature sensor range	-40°C ... +80°C	Temperature sensor accuracy	±1°C a -10…+85°C, ±1.5°C a -25…+150°C
Temperature sensor resolution	0,1 °C	Wind sensor range	0…35 m/s
Wind sensor accuracy	Con temperatura ambiente -20...+50°C: ±22% del valore misurato in caso di angolo di incidenza di 45°...315°	Wind sensor resolution	0,1 m/s
Brightness sensor range	0…150 000 lux	Brightness sensor accuracy	±35%
Risoluzione sensore di luminosità	1 lux a 0…120 lux, 2 lux a 121…1 046 lux, 63 lux a 1047…52363 lux, 423 lux a 52364…150000 lux		

TECHNICAL SYMBOLOGY

IP

IP44

STANDARDS/APPROVALS

CE Reach Declaration

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