



Product ID: Wilnspire
Category: Datalogger WiFi

Datalogger for monitorization of CO2 levels, ambient temperature and ambient humidity, with a WiFi communication interface.

TECHNICAL SPECIFICATIONS

CPU	32bits microcontroller @80MHz with 60Kb RAM
Memory	Dataflash of 4 Mb for data storage
Real time clock	Internal without battery
ADC	ADC 10 bits
Watchdog timer (WDT)	Internal Watchdog available
Device configuration	Basic configuration by the use of an embedded web server

SENSORS

Temperature sensor	Range: -20 to 60°C Resolution: 0,1 °C Precision: +-0,5 °C
Humidity sensor	Range: 0-100 % Resolution: 0,1% Precision: +-5%
CO2 sensor	Range: 400-2000ppm Resolution: 1ppm Precision: 50ppm

SUPPLY CIRCUIT

Supply voltage	12-30V
Maximum consumption	<0,5W

ENVIRONMENTAL CONDITIONS

Working temperature	-20° ~ 60°C
Humidity	5% ~ 95% (without condensation)

INFORMATION ABOUT ORDERS

Minimum order	1
Order references	Wilnspire

CONSTRUCTION FEATURES

Dimensions	71x71x27 mm (W/H/D)
Box material	ABS Plastic
Installation type	Superficial
Degree of protection	IP20
Weight	54g 131g with power pack

CERTIFICATES AND DECLARATIONS

Rules	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011
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This product is compatible with the RoHS (2011/65/UE)