



Datalogger and controller for remote control and monitorization with radio communications.

TECHNICAL SPECIFICATIONS

CPU	Microcontroller 16bits@16MHz with 128Kb Flash and 16Kb RAM
Memory	Dataflash of 4 Mb for storing 100.000 records
Real time clock	Externo con batería
ADC	ADC of dedicated 16bits
Watchdog timer (WDT)	Internal and external Watchdogs available
Buttons	1 button for reading the display and configuration
LED indicators	3 status LEDs (radio transmission, warning and measurement)
Display	2x16 alphanumeric LCD

I/O AND COMMUNICATION PORTS

I/O	<p>1 potential free digital input.</p> <p>4 analog inputs for PT100/PT1000 and analog sensors (current and/or voltage): 0-1.25V, 0-2.5V, 0-5V, 0-10V and 4- 20mA.</p> <p>1 digital output with solid state relay (Max. 60VCC/160mA). 1 alarm buzzer.</p> <p>1 system to detect power failure</p>
Communication ports	1 Radio RF 802.15.4g at 868 MHz.

POWER CIRCUIT

Supply voltage	4xAA batteries. Adapter for 12VCC current.
Maximum consumption	<1,2W

ENVIRONMENTAL CONDITIONS

Working temperature	-20° ~ 40°C
Humidity	5% ~ 95% (without condensation)
Degree of protection	IP20

INFORMATION ABOUT ORDERING

Minimum order	1
Order reference	CexLab 4 channels

CONSTRUCTION FEATURES

Dimensions	84,6x84,3x37,75mm (W/H/D)
Box material	ABS
Type of installation	Superficial installation

CERTIFICATES AND DECLARATIONS

Rules	EN 60950-1:2006 + A11:2009 + A1:2010 + AC:2011 + A12:2011 + A2:2013 EN 301489-1 v2.2.0 EN 301489-3 v2.1.1 CFR-21 Section 11
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This product is compatible with
RoHS (2011/65/UE)