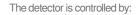


ACMD-200

WIRELESS CARBON MONOXIDE DETECTOR

ACMD–200 is a wireless carbon monoxide (CO) detector that senses the dangerous concentration of this gas in a monitored room. It can work independently or as part of a two–way wireless **ABAX 2** system.

- electrochemical carbon monoxide detector
- digital temperature compensation
- test function
- LED for optical signalling
- piezoelectric transducer for acoustic signalling
- monitoring of the gas sensor
- battery status check
- operation in ABAX 2 wireless system:
 - encrypted two-way radio communication in the 868 MHz frequency band (AES standard)
 - diversification of transmission channels 4 channels allow automatic selection of the channel that guarantees transmission without interference with other signals in the 868 MHz frequency band
 - ECO option for extended battery life
 - built-in temperature sensor (temperature measurement from 0 °C to +55 °C)
 - o tamper protection against opening the enclosure



- ACU-220 or ACU-280 system controller
- ARU-200 signal retransmitter



TECHNICAL DATA

Max. current consumption 120 mA Weight 153 g Maximum humidity 93±3% Operating frequency band 868,0 ÷ 868,6 MHz Battery CR123A 3V Dimensions ø108 x 54 mm Temperature measurement accuracy ±1 °C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0 °C+55 °C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Operating temperature range	0°C+55°C
Maximum humidity 93±3% Operating frequency band 868,0 ÷ 868,6 MHz Battery CR123A 3V Dimensions ø108 x 54 mm Temperature measurement accuracy ±1 °C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0 °C+55 °C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Max. current consumption	120 mA
Operating frequency band 868,0 ÷ 868,6 MHz Battery CR123A 3V Dimensions ø108 x 54 mm Temperature measurement accuracy ±1°C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Weight	153 g
Battery CR123A 3V Dimensions ø108 x 54 mm Temperature measurement accuracy ±1°C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Maximum humidity	93±3%
Dimensions ø108 x 54 mm Temperature measurement accuracy ±1°C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Operating frequency band	868,0 ÷ 868,6 MHz
Temperature measurement accuracy ±1°C Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Battery	CR123A 3V
Radio communication range (in open area) for ACU-220 up to 2000 m Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Dimensions	ø108 x 54 mm
Radio communication range (in open area) for ACU-280 up to 1200 m Temperature measurement range 0°C+55°C Battery life (autonomous operation)- in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2)- in years up to 2	Temperature measurement accuracy	±1°C
Temperature measurement range 0 °C+55 °C Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Radio communication range (in open area) for ACU-220	up to 2000 m
Battery life (autonomous operation) - in years up to 5 Standby mode current consumption (autonomous operation) 14 μA Expected battery life (ABAX 2) - in years up to 2	Radio communication range (in open area) for ACU-280	up to 1200 m
Standby mode current consumption (autonomous operation) 14 µA Expected battery life (ABAX 2) - in years up to 2	Temperature measurement range	0°C+55°C
Expected battery life (ABAX 2) - in years up to 2	Battery life (autonomous operation) - in years	up to 5
	Standby mode current consumption (autonomous operation)	14 μΑ
CI II (ADAVO)	Expected battery life (ABAX 2) - in years	up to 2
Standby current consumption (ABAX 2) 62	Standby current consumption (ABAX 2)	62
Low battery notification voltage 2,75 V	Low battery notification voltage	2,75 V

