

## Z-Wave Protocol Implementation Conformance Statement

### CO Sensor

#### General Information

**Product Identifier:** FGCD-001  
**Brand Name:** FIBARO  
**Product Version:** HW: 1 FW: 3.02:03.02  
**Z-Wave Certification #:** ZC10-19076629

#### Product Features

**Battery Type** CR123A

**Color** White

**Firmware Updatable** Updatable by Consumer by RF

**Sensors** Air Temperature  
Carbon Monoxide

**Supported Notification Types** CO Alarm

**Battery Quantity** 1

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology? No  
Supports Z-Wave Network Security? Yes  
Supports Z-Wave AES-128 Security S0? Yes  
Supports Security S2? No  
SmartStart Compatible? No

#### Z-Wave Technical Information

**Z-Wave Frequency:** Russia  
**Z-Wave Product ID:** 0x4001  
**Z-Wave Product Type:** 0x1201  
**Z-Wave Hardware Platform:** ZM5101  
**Z-Wave Development Kit Version:** 6.51.09

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(Continued)

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### Association Group Information

#### Group # / Max Description

##### Nodes

|       |  |
|-------|--|
| 1 / 1 | "Lifeline" reports the device status and allows for assigning single device only (main controller by default).   |
| 2 / 5 | "CO Alarm" is assigned to the device status - devices in this group will be switched on/off when CO Alarm status changes.  |
| 3 / 5 | "CO Alarm" is assigned to the device status - devices in this group will receive notification when CO Alarm status changes. Useful for devices that can trigger alarms.  |
| 4 / 5 | "CO Level" is assigned to measured CO level - devices in this group will be switched on/off after exceeding the level of CO concentration specified in parameter 14.   |
| 5 / 5 | "Tamper Alarm" is assigned to the tamper - sends tamper alarm and cancellation frames to the associated devices.   |
| 6 / 5 | "CO Alarm BC" is assigned to the device status - devices in this group will be switched on/off when CO Alarm status changes. Provides backward compatibility with controllers not supporting Z-Wave+ protocol. |
| 7 / 5 | "Tamper Alarm BC" is assigned to the tamper - sends tamper alarm and alarm cancellation frames to the associated devices. Provides backward compatibility with controllers not supporting Z-Wave+ protocol.    |

#### Supported Command Classes (18):

|                          |                                  |
|--------------------------|----------------------------------|
| Application Status       | Association Group Information V3 |
| Association V2           | Battery                          |
| Configuration            | CRC16 Encapsulation              |
| Device Reset Locally     | Firmware Update Meta-Data V3     |
| Manufacturer Specific V2 | Multi-Channel Association V3     |
| Notification V5          | Powerlevel                       |
| Security S0              | Sensor Alarm                     |
| Sensor Multilevel V10    | Version V2                       |
| Wake Up V2               | Z-Wave Plus Info V2              |

#### Controlled Command Classes (1):

Basic