

Warning Beacon with Sounder

Teta SZOA

Product code: PW-118-TETA



Reliability



Cost efficiency



Easy installation



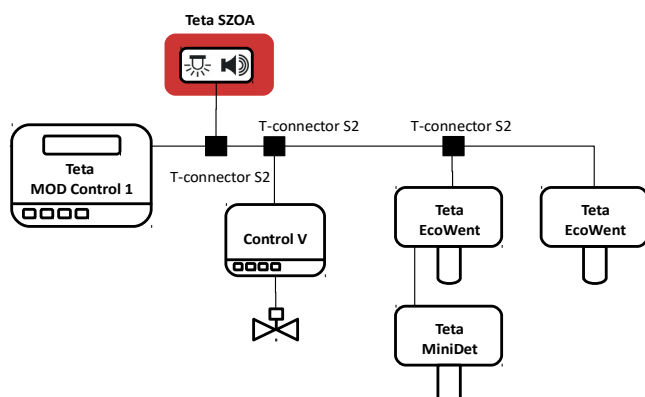
Information about the product

The Teta SZOA Warning Beacon with Sounder is a device designed to indicate alarms and capable of collaborating with Teta MOD Control 1 Control Unit manufactured by Atest Gaz. The unit is insensitive to harsh ambient conditions, which allows installation of it both indoors and outdoors.

The warning beacon distinguishes with the capability of easy integration with other components of the Teta Gas system owing to application of a single, two-core power supply and data transmission lines Teta Bus. It enables transmission of diagnostic information about current status of the device to a control unit as well as monitoring of the beacon operation with simplicity of installation and cost efficiency comparable to conventional solutions.

The Teta SZOA was developed as an upgrade of the TSZ-4D appliance manufactured by Telkom Tellmor.

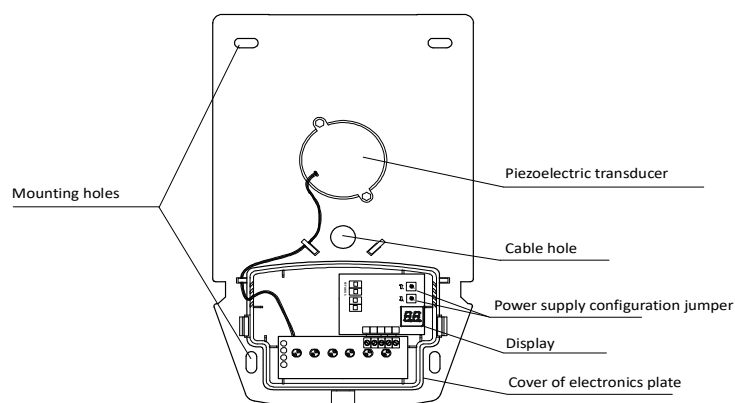
Location and role of the device in Gas Safety System



Electrical interface

Name	Pin	Description
TETA BUS		Teta Bus port
		Power supply / signal line

Description of the construction



Mounting

The device should be installed in a location that is hard accessible to third persons, on a flat surface with the mounting position as shown on the neighboring picture. The distance between the mounting plated for the device and the ceiling (roof) must be not less than 5 cm.

After having the installation completed all holes in the mounting plate must be sealed by means of a suitable silicone compound.

Description of operation and connection

When the beacon is in the standby mode, its display alternately presents the device address (Ad), status of the sounder (AC), faults (FA) and information about failure of the connection between the beacon and a central controller (nC – if occurs).

FA	Fault description
--	Regular operation of the beacon
01	Defective sounder
02	Defective beacon lamp
04	Incorrect power supply voltage
Others	Internal defect of the beacon

Beacon configuration

Upon simultaneous depressing of configuration buttons and holding them depressed for the time about 1 second the device enters the configuration mode (Ad and AC messages are alternately shown on the display).

The default address of the device is 99.

To set up the desired address of the device, release the buttons when 'Ad' message is displayed. Then the address can be set by means of control buttons.

Releasing of buttons while the 'AC' characters are shown enables switching the sound warning device (siren) on or off, where 00 means that the sounder is active and 01 stands for the sounder deactivated. The default setting is 01.

Depressing of the both buttons at the same time approves the settings (the settings shall blink on the display for about 2 seconds) and the configuration mode is quit.

When new settings are not approved within 15 seconds, the configuration mode is abandoned and the beacon returns to the regular operation. No changes are stored into the device memory.

Technical specification

Power supply	
• Voltage V_{cc}	15 – 50 V \approx
• Current I_{ZAS}	2.5 W
Environment	
• Ambient temperatures	-30 – +60°C
IP	IP42
Integrated signalling equipment (visual)	Diody LED

Integrated signalling equipment (audible)	About 105 dB, 1 m distance
Dimension	310 x 183 x 75 mm
Weight	0.75 kg
Acceptable cables	1 – 2 mm ²
Enclosure material	Polycarbonate, ABS

Product marking

Product code	Device
PW-118-TETA	Warning Beacon with Sounder Teta SZOA

Legal Notice:

This document is not an offer in the meaning of the civil code and other relevant regulations, but merely constitutes an invitation to conclude an agreement pursuant to article 71 of the Polish Civil Code. Atest Gaz A. M. Pachole sp. j. stipulates the right to unilaterally change and modify the present document at any time as well as to introduce changes related to the product characteristics. Products parameters can be changed without any prior notice.