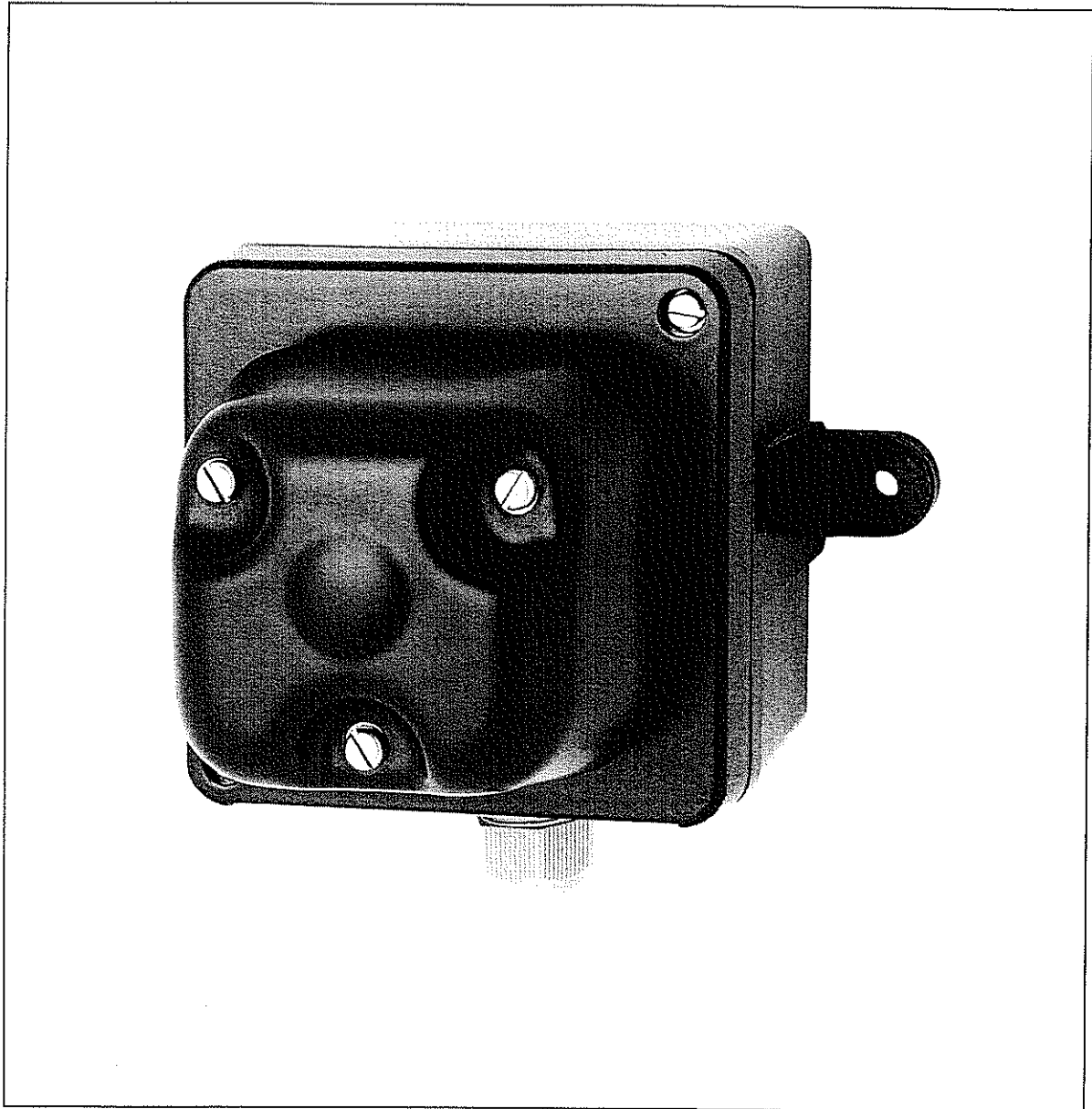


Audible Signalling Sounder

Type AS4



Operating instructions

Audible Signalling Sounder

Type AS4

Note:

Prior to installing the device, these operating instructions must be read carefully. In case of any damage and liabilities the latest version of the "General terms of delivery of products and services in the electric industry" is authoritative.

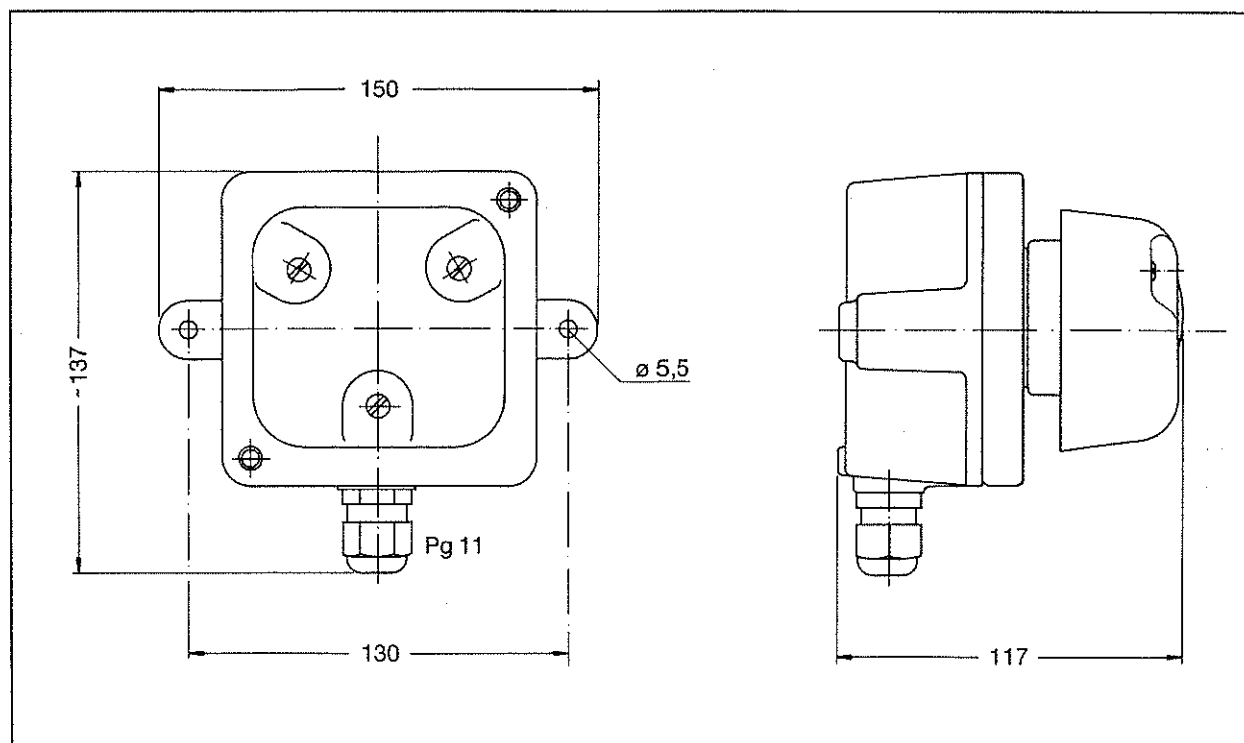
Notes on use:

The acoustic sounder is designed for use in general industrial areas and for domestic use, and may be used both indoors and outdoors.

Mounting:

The device is suited for wall and ceiling mounting (observe the Technical specifications). Refer to the dimensional drawing for the mounting dimensions.

Both the fasteners and the mounting surface must be able to carry the weight of the device (~ 0,9 kg).

Physical dimensions:













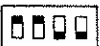

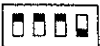

Connecting and adjusting

Only especially educated personnel may connect and adjust the device. The device is designed for operation with a power supply ranging from 110 V to 230 V. It is not necessary to undertake any switching of the device to adjust it to the relevant voltages (refer to Technical specifications).

The following regulations regarding connection and adjustments must be obeyed: The rules and regulations of each country regarding connections to the public power supply network must be observed. Power connections to terminals L1, N, PE, Protective Earth to housing.

Adjusting the ringing signal

To register a change of switch position the power supply must be switched off and on once.

Switch position	Signals	Tone sequence/ tone sequence frequency
	Single tone	180ms on 70ms off
	Single tone	120ms on 50ms off
	Single tone	60ms on 25ms off
	Single tone	Continuous tone
	Warble tone	1,8Hz
	Warble tone	3,6Hz
	Warble tone	3,9Hz
	Warble tone	7,8Hz
	Three-tone	5Hz
	Three-tone	10Hz
	Three-tone	15Hz
	Three-tone	20Hz
	Two-tone	5Hz
	Two-tone	10Hz
	Two-tone	15Hz
	Two-tone	20Hz

Technical specifications

Ambient conditions:

Operating temperature:	-20/+70 °C
Storage temperature:	-20/+85 °C
Operating position:	Wall mount, ceiling mount*
Housing degree of protection:	IP 66 according to EN60529:11.1992
Housing protection class:	Class I

Power connection:

Terminals:	L1, N, PE
Power supply:	110 V – 230 V +10%-15%/50 Hz

Acoustic signalling:

Acoustic signalling device:	Loudspeaker
Acoustic signal:	3-tone call 2-tone call single tone call warble tone call
Tone sequence:	Choice of 4 different DIP-switch settings
Sound pressure level:	approx. 90 dB(A) using 2-tone call, at 1 m distance and 230 V power supply

* If possible, avoid ceiling mounting in rooms considerably influenced by dust or water

User information

1. The device is designed in compliance with protection class I and may be connected and operated at the mandatory voltage only.
A proper connection must be especially observed.
2. Take care not to damage the housing.
3. The device may be operated under the mandatory ambient conditions only (refer to Technical specifications). Bad ambient conditions may lead to damage to the device. Such bad ambient conditions are:
 - too high continuous air humidity
 - inflammable gases, vapours, solvents, dusts
 - too low or too high ambient temperatures
4. The mandatory operational position of the device must be considered.
5. The device is meant for use indoors or outdoors.
6. During operation of the device the legal and professional regulations, the safety regulations, and the electrical rules and regulations regarding connection and operation with line voltage must be observed. Connection and commissioning may be done by an educated professional only.
7. The device may be opened by educated professional personnel only. During the process of opening covers or removing parts live parts may be exposed. If adjusting operations, repairs or a replacement of parts include opening the device, the device must be separated from all power sources prior to such work.
In case of repairs only original spare parts may be used. Any other spare parts may lead to personal injury and/or equipment damage. If it is unavoidable to adjust or repair the powered device, this may be done by an educated professional only.
8. Continuous subjection to signalling and/or too small distance to the signalling source may cause hearing damage.

We reserve the right to alter
technical specifications



J. Auer Fabrik Elektrischer Maschinen Gesellschaft m. b. H.
Perfektastr. 102 Telefon (00431) 813 82 20 <http://www.auer-signal.com>
A-1230 Wien Telefax (00431) 815 99 51 e-mail: office@auer-signal.com