

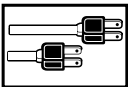
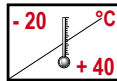
Explosion-proof Audible Telephone Call Signalling Sounder AS1



II 2 G Ex e ib mb IIC T6
Zone 1, 2

Features

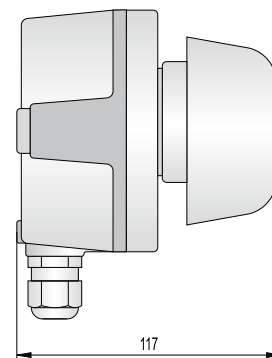
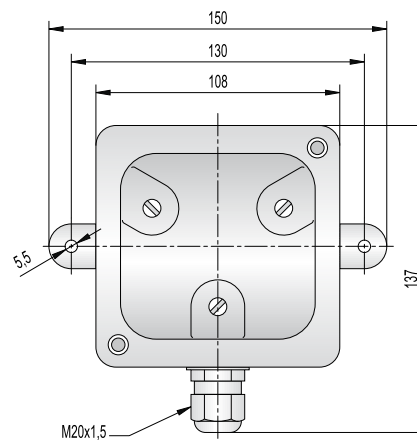
- explosion proof telephone call sounder for applications in industrial explosion endangered areas
- tone types and tone frequencies selectable via DIP switch
- power supply via telephone call voltage
- works independently also during power failures



Technical data

Type	AS1
Housing, Colour	aluminium die cast, black RAL 9005 upper part polycarbonate, black RAL 9005
Mounting	wall or ceiling
Weight	0,5 kg
Call voltage	32 V AC - 75 V AC
Branch exchange voltage	0 V DC - 63 V DC
Input impedance	at 25 Hz $Z \geq 8 \text{ k}\Omega$ at 50 Hz $Z \geq 4 \text{ k}\Omega$
Acoustic signal device	loudspeaker
Tone types	single-/two-/three or wobble tone selectable via DIP-switch
Tone frequencies	5 to 20 Hz in 4 settings selectable via DIP-switch
Terminal	0,75 - 1,5 mm ² / AWG 14, single or fine wire
Cable entry	1 x M20x1,5
Insulation class	I
Equipotential bonding	connection inside housing
Current intensity	$I_k \leq 3 \text{ A}$
Approval	BVS 03 ATEX E430

Tone setting			
Tone Type	DIP-Switch	Tone Sequence/Tone Sequence Frequency	
Single tone		180 ms on	70 ms off
		120 ms on	50 ms off
		60 ms on	25 ms off
		continuous tone	
Two tone 931-1.253 Hz		5 Hz	
		10 Hz	
		15 Hz	
		20 Hz	
Three tone 800-1.067-1.333 Hz		5 Hz	
		10 Hz	
		15 Hz	
		20 Hz	
Wobble tone		1,8 Hz	
		3,6 Hz	
		3,9 Hz	
		7,8 Hz	



Order data

Type	Order No.	Denomination
AS1	410 100 004	Ex-proof audible telephone call signalling sounder