zenitel

DATASHEET



4000010782

Ex ResistTel

Ex-Telephone

- Handsfree operation
- Temperature range -25ºC to +60ºC
- Certified for dust and gas atmospheres
- Display
- IP 66 EN 60529
- Certification
  - ATEX, IECEx, UL, cULus, GOST ‘R’ & ‘K’, CQST, Inmetro

IP66 Atex

Description

Communication devices for use in hazardous areas in the industry have to be especially well adapted to the extreme operating conditions they will beexposed to.

ResistTel Ex-telephone has been developed for operation in the petro-chemical industry, off-shore plants, and mills and harbours, meaning it is resistant too extreme temperatures, air humidity, sea water, dust and strong mechanical wear and tear.

It is certified for use in hazardous dust and gas atmospheres.

This Ex-telephone is completely programmable, and has been equipped with a 21-piece stainless (V4A) steel keypad designed for use with gloves.Letters and figures are presented clearly on the alphanumerical display.The ExResistTel also boasts all the convenient features that have become standard in the field of office communication. A string of optional extras and components – especially certified for hazardous areas – makes ResistTel Ex-telephone even more functional.

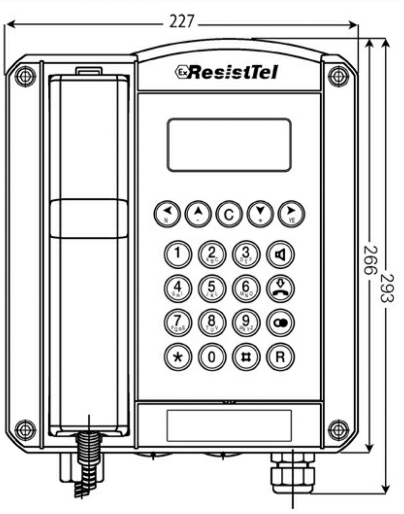
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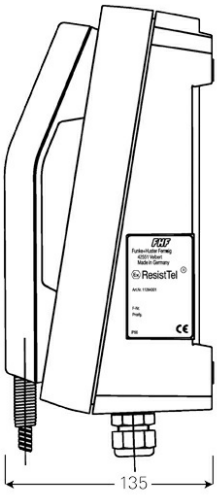
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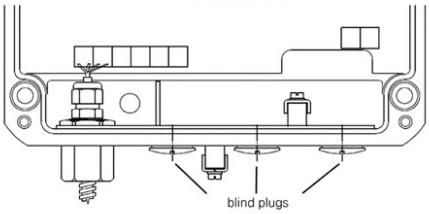
Technical Dimensions

General arrangement drawing (all dimensions in mm)

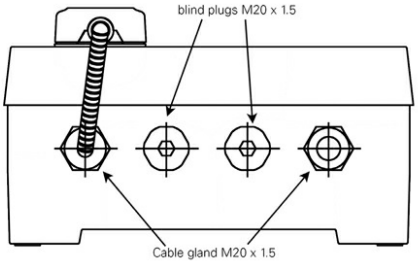




Protection Class I



Protection Class II



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Specifications

SPECIFICATIONS	
Line voltage	24 VDC to 66 VDC
Line current	15 mA to 100 mA
Ringing alternating current	24 VAC to 90 VAC (at 21...54 Hz ringing frequency) // 30 VAC to 90 VAC (at 16.6...54 Hz ringing frequency
Ring tone impedance	Greater than 6.0 KΩ at 25 Hz and 24...90 VAC. // Greater than 4.0 KΩ at 50 Hz and 24...90 VAC
Inquiry key	Flash function may be set to 80 ms, 120 ms, 600 ms
Dialling procedure	PD-DTMF operation to be set in the menu. // PD operation where the pulse/pause ratio can be set to 1.5:1 or 2:1 in the menu
W-conductor	Connection for external secondary sounder
Screw terminals	Up to 4 mm2 rigid, Up to 2.5 mm2 flexible
Enviromental conditions	
Degree of protection	IP 66 according to EN60529
Impact protection	IK 09 according to EN50102
Operating temperature	-25 °C to +60 °C for temperature class T5 // -25 °C to +40 °C for temperature class T6
Storage temperature	-25 °C to +70 °C
Housing	
Material	Glass fibre reinforced polyester

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Height x width x depth	Approx. 266 mm x 227 mm x 135 mm
Weight	Approx. 5.5 kg
Display	Two-line alphanumeric diplay with pictograms // Visual field approx. 78 mm x 26 mm
Keypad	Metal keypad with ice protection // 21 keys with ABC lettering for name entries
Receiver	
Stabilization bracket	Integrated, adjustable stabilization bracket
Handset cord	Stainless steel armoured cord
Earpiece	Dynamic capsule with stray field coil for inductive coupling of hearing aids
Mouthpiece	Elektret microphone
Noise suppression	Greater than 3 dB due to integrated horn mouth
Further characteristics	
Optical call indication	Display screen
Ringing volume	Approx. 90 dB(A) in 1 m distance
Ring tones	10 sounds available
Listening by loudspeaker	Maximum volume approx. 68 dB(A) in 1 m distance
Handsfree operation	Maximum volume approx. 68 dB(A) in 1 m distance
Amplified listening	Receiver volume may be set from 0 dB(A) to +12 dB(A), in 7 steps
Menu guide	Multilingual
Telephone book	Max. 50 items (names and phone numbers)

Accessories

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EX headset for
RESISTTEL

Receiver set

Item Number: 4000016480

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