

4000010782

## Ex ResistTel

Ex-Telephone



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

 IP66  Atex

## Description

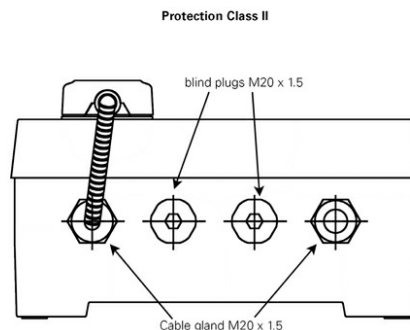
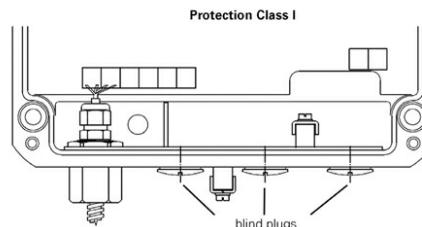
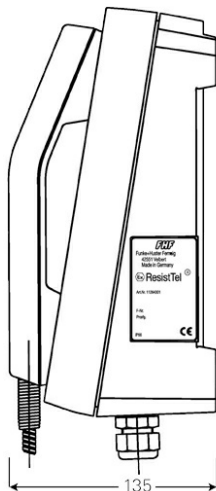
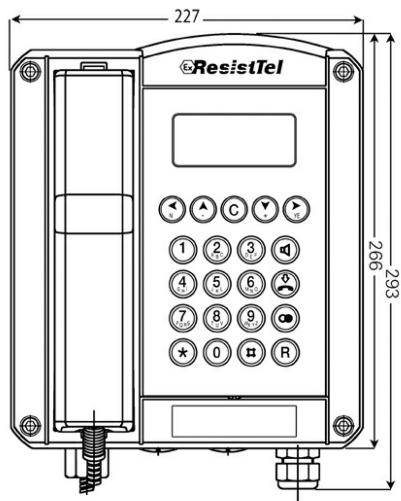
Communication devices for use in hazardous areas in the industry have to be especially well adapted to the extreme operating conditions they will be exposed to.

ResistTel Ex-telephone has been developed for operation in the petro-chemical industry, off-shore plants, and mills and harbours, meaning it is resistant to 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 alphanumeric 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.

## Technical Dimensions



# Specifications

## SPECIFICATIONS

|                              |   |
|------------------------------|---|
| Line voltage                 | 24 VDC to 66 VDC  |
| Line current                 | 15 mA to 100 mA   |
| Ringling 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 K $\Omega$ at 25 Hz and 24...90 VAC. // Greater than 4.0 K $\Omega$ 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 mm <sup>2</sup> rigid, Up to 2.5 mm <sup>2</sup> 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  |
| Height x width x depth       | Approx. 266 mm x 227 mm x 135 mm  |

|                          |   |
|--------------------------|---|
| Weight                   | Approx. 5.5 kg  |
| Display                  | Two-line alphanumeric display 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  |
| Ringling 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



EX headset for  
RESISTTEL

Receiver set

Item Number: 4000016480