



# Weatherproof Telephone ResistTel

## Telephone for use in rugged conditions

- ▶ Handsfree operation
- ▶ Receiver volume can be boosted in 7 steps from 0–12 dB(A)
- ▶ Telephone book
- ▶ IP 66 EN 60529
- ▶ Stainless steel V4A keypad
- ▶ Display

## Application

ResistTel means: making telephone calls in rugged ambient conditions with the best functional security in industrial areas.

Our telephone is completely resistant to seawater, acid, lye and lubricants.

The compression-molded housing made of GRP (Glass-fibre-reinforced polyester) is impact protected.

The stainless steel keypad (V4A) withstands high loads and at the same time protects the inner parts of the telephone.

The steel armoured handset cord is manufactured to withstand high tensile forces.

With its interesting additional features and options our ResistTel opens many possibilities with regard to your special applications.

From the beginning our ResistTel user interface is simple, user friendly and menu driven. Under all circumstances and in all situations, even when using working gloves.

## Telephoning in a filling plant

The housing is made of impact-resistant and shockproof glass-fibre-reinforced polyester and is resistant to acids, sea water, alkalis, moisture and grease.



## Technical Data

### Connections

Line voltage	24 V <sub>DC</sub> to 66 V <sub>DC</sub>
Line current	15 mA <sub>DC</sub> to 100 mA <sub>DC</sub>
Ringing alternating current	24 V <sub>AC</sub> to 90 V <sub>AC</sub> (at 21...54 Hz ringing frequency) 30 V <sub>AC</sub> to 90 V <sub>AC</sub> (at 16.6...54 Hz ringing frequency)
Ringing impedance	Greater than 6,0 K $\Omega$ at 25 Hz and 24...90 V <sub>AC</sub> . Greater than 4.0 K $\Omega$ at 50 Hz and 24...90 V <sub>AC</sub> .
Recall function	Flash function adjustable from 40ms to 399ms
Dialing frequency	PD-DTMF operation to be set in the menu. DTMF operation according to the CCITT recommendation Q.23. 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.

### Housing

Material	Glass-fibre-reinforced polyester
Height x Width x Depth	approx. 266 x 227 x 135 mm
Weight	approx. 5.5 kg
Display	2 line alphanumerical display with pictograms Visible area approx. 78 mm x 26 mm.
Keypad	Metal keypad with ice protection. 21 keys with ABC lettering for name entries.

### Receiver

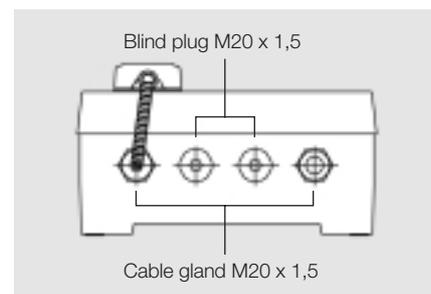
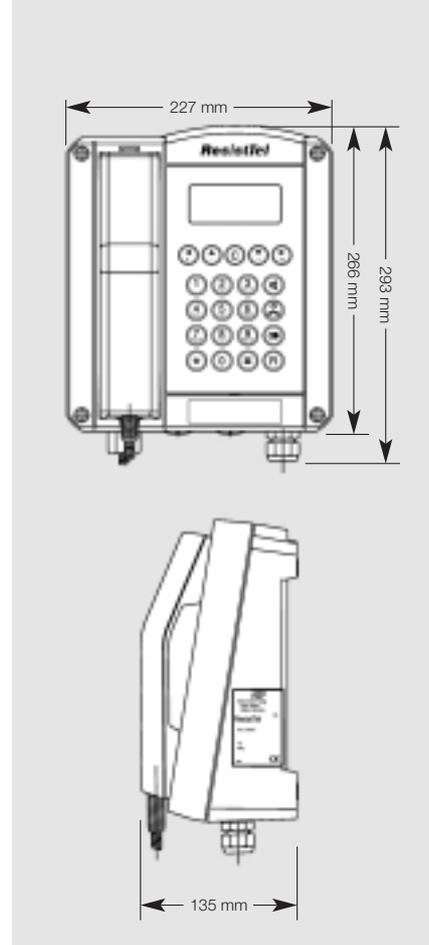
Stabilizer bracket	Integrated, adjustable stabilizer bracket.
Handset cord	Stainless steel (V4A) armoured handset cord.
Receiver inset	Dynamic receiver inset with leakage field spool for inductive coupling of hearing aids.
Mouthpiece	Electret-foil microphone
Noise suppression horn mouth	Greater than 3 dB due to integrated mouthpiece

### Environmental conditions

Degree of protection	IP 66 according to EN60529
Impact protection	IK 09 according to EN50102
Operation temperature:	-25°C to +60°C
Storage temperature:	-25°C to +70°C

### Further characteristics

Optical call signaling	Display shows ( (  ) )
Ringing sound pressure level	approx. 95 dB(A) at 1m distance
Ringing melodies	10 melodies selectable
Listen by Loudspeaker	Maximum sound pressure level approx. 70 dB(A) at 1m distance.
Handsfree	Maximum sound pressure level approx. 70 dB(A) at 1m distance.
Amplified listening in receiver	Receiver volume can be boosted in 7 steps from 0–12 dB(A).
Menus	In several languages
Telephone book	Max. 50 entries (names and numbers)



\* The complete product number (P/N) can be found by combining the P/N and the colour code of the cap colours.

## Ordering data

Type	Description	Version	Product no.	Type	Description	Version	Product no.
ResistTel	Weatherproof telephone with amplified listening		112 643 01	Accessories	Secondary sounder		211 101 05
ResistTel	Weatherproof telephone ZB	without keypad and Display	112 643 02	Accessories	Protection hood	Hot galvanized	118 901 01
Accessories	Additional earpiece set		112 643 03	Accessories	Protection hood	Stainless steel	118 901 11
Accessories	Additional headset		112 643 04	Accessories	TWIN		118 832 ..*
Accessories	Loudspeaker set		112 643 05	Cap colours: transparent 01, red 02, yellow 03, green 04, blue 05			