FHF
⟨HANSIG⟩ FUNKE+HUSTER·FERNSIG ⟨FHF⟩

Weatherproof Telephone ResistTel MB

Telephone for use in rugged conditions

► 3 Memory Buttons (free programmable)
► 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
► GRP housing

Application

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

Our telephone is 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 MB opens many possibilities with regard to your special applications.

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

Three memory buttons allow a quick selection of e.g. emergency call numbers. These keys are freely programmable by the user.

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 specifications

Connections

Line voltage	24 V_{DC} to 66 V_{DC}
Line current	15 mA_{DC} to 100 mA_{DC}
Ringing alternating current	24 V_{AC} to 90 V_{AC} (at 21...54 Hz ringing frequency) 30 V_{AC} to 90 V_{AC} (at 16.6...54 Hz ringing frequency)
Ringing impedance	Greater than 6,0 KΩ at 25 Hz and 24...90 V_{AC}. Greater than 4.0 KΩ at 50 Hz and 24...90 V_{AC}.
Recall function	Flash function adjustable 80 ms, 120 ms, 600 ms
Dialing frequency	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^2 rigid. Up to 2.5 mm^2 flexible.

Housing

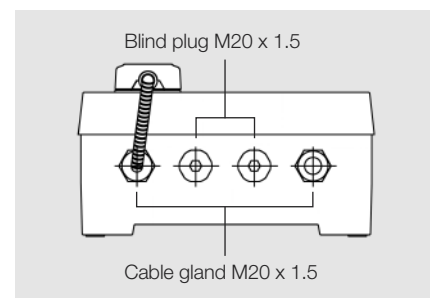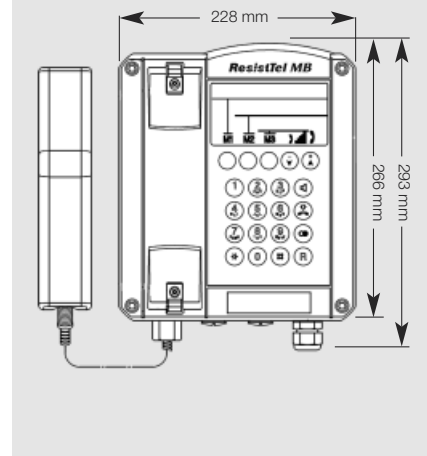|	
Material	Glass-fibre-reinforced polyester
Height x Width x Depth	approx. 266 x 228 x 135 mm
Weight	approx. 5.5 kg
Keypad	Metal keypad with ice protection. 21 keys with ABC lettering for name entries incl. 3 memory buttons (free programmable)

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

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).

228 mm

293 mm

266 mm

ResistTel MB

Blind plug M20 x 1.5

Cable gland M20 x 1.5

Accessories

Additional headset

Additional earpiece

Loudspeaker set

TWIN

Protection hood

Secondary sounder

* The full article number is
made up by appending the
colour code for the coloured
cap to the article number
given below.

transp.	01
red	02
amber	03
green	04
blue	05

Order information

Type	Name	Version	Article no.
ResistTel MB	Weatherproof Telephone	black	112 643 21
Accessories	Additional earpiece		112 643 03
Accessories	Additional headset		112 643 04
Accessories	Loudspeaker set		112 643 05
Accessories	Secondary sounder		211 101 05
Accessories	Protection hood	hot galvanized, yellow	118 901 01
Accessories	Protection hood	stainless steel	118 901 11
Accessories	TWIN		118 832 ..*

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