

# Marpower Emergency Telegraph System



In emergency situations, the crew must be able to fully rely on the emergency telegraph. The Marpower Emergency telegraph system increases safety in communication, in an exceptional situation when regular engine or pitch control system fails. The system is easy and cost-effective to install.

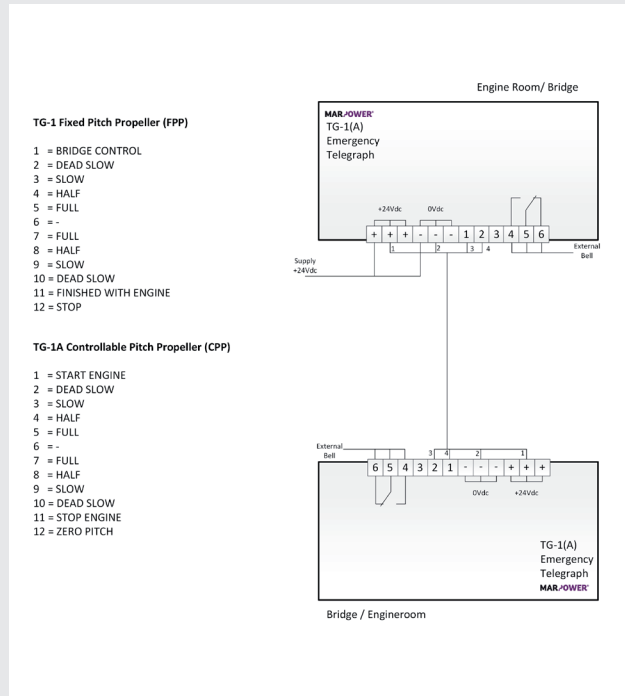
The Marpower Emergency telegraph system is fully operational with only two wires without shielding. This system therefore meets demanding customers who want to spend less time and money on wiring on board. The Marpower Emergency telegraph system provides instructions in text and colors (LED). These instructions are easy to read in all circumstances.

The emergency telegraph system is available with several text/scale plates for various propulsion systems (such as diesel engines and electric propulsion). The changeover contact alarm output offers the possibility to connect a horn. The system works bi-directionally and can be linked to the VDR (Voyage Data Recorder) of the ship (optional).

#### Advantages of the Marpower Emergency Telegraph System

- ✓ Lloyds-approved
- ✓ Built-in (DIN-compliant housing) or standalone setup
- ✓ 24Vdc from separate supply
- ✓ Communication via 2-wiresystem
- ✓ VDR-output NMEA 0183 (optional)
- ✓ Fail safe
- ✓ Bridge and engine room identical
- ✓ Dimmable led indications
- ✓ Internal buzzer
- ✓ Changeover alarm contact
- ✓ Low consumption

The emergency telegraph is part of the product range of Marpower Electronics. Other products from this group are the signal column and lamp monitoring module Licon. We also supply relay modules, earth-fault modules, UMS control units etc. for our Marpower Automation systems and control units for our Drive systems.



### TG-1 / TG-1A

power supply	24 Vdc tolerance -25% up to 30% (protected against polarity inversion)
power consumption	max. 3 W
protection	internal 0,5 A
IP class	front IP42 / back IP20
temperature range	-15 °C up to +55 °C
relative humidity	maximum 90%
manufacturer	Eekels
weight	415g approximately
connecting terminals	flexible max. 2.5 mm <sup>2</sup>
flash frequency	0.8 Hz approximately
buzzer frequency	3000 Hz approximately
buzzer sound level	74 dB (1m ) approximately
output contact	potential free changeover contact (SPDT) 230 Vac - 1500 W
text plate (max. 12 positions)	standard English (11 positions) see illustration. other text on request
size (h x w x d)	144 x 144 x 75 mm
mounting	panel cut out 138 x 138 mm
VDR (option)	NMEA 0183 output
housing (option)	mounting cabinet (dim. 250 x 250 x 155 mm) IP 54