

TMC102

Control per Short Message SDS
and CallOut within TETRA Network



TMC102 CallOut



Application

The TETRA telemetry unit TMC102 CallOut is applied for automation of technical processes. The unit itself has four outputs (open drain), four inputs and an internal TOM100 TETRA module. Immediately after start of the TMC102 CallOut, you will have complete control of the inputs and outputs.

Each output can be activated/deactivated separately via SDS (Short Data Messages). In addition a pulse between 1 upto 600 seconds can be released for each output by means of an appropriate command.

The TMC102 CallOut can be configured in such a way that they send an individual SDS text or CallOut in case of change of state of one of the inputs from „on“ to „off“ or vice versa. A CallOut will immediately be indicated visually and audibly as alerting in the display of the receiving radio.

For configuration the TMC102 CallOut can be connected to the PC per programming cable. By means of the programming software the parameters can be read, modified and written.

The commands to the TMC102 CallOut as SDS can be sent with a standard TETRA radio with keypad.

Application

- Pumping station monitoring and control system for supply/disposal contractors
- Fill level and equipment condition monitoring

Technical Data and Functions

- 4 inputs
- 4 outputs (open drain)
- RS232 interface (Rx/D, Tx/D, RTS, CTS)
- Dimensions: 18 x 99 x 123 mm (LxBxH)
- Electric power supply: 12-24 V DC
- Power consumption: max. power input 12 W
- Ambient temperature: -20°C bis 60°C non-condensing
- DIN rail installation according to DIN EN 50022.

