



## Tone Generator TGM for Siren/Loudspeaker AWD100



Rack Type



Table Type

### Description

**Tone Generator TGM for Siren/Loudspeaker AWD100** is a lightweight, solid-state, compact, easy-to-install, easy-to-use, tone generator of advanced design. It can accept up to 3 tone selection commands from control cabinet, each tone has different priority over another and can be selected through 32 programmed tones using dip switches. Up to 3 unique and distinctive tones can be added to the pre-configured standard tones. Moreover, it is an easy expandable system providing the capability to increase the number of the output channels.

### Models:

- Rack Tone Generator Module
- Table Tone Generator Plus

### Innovative Features:

- 18 different tones generated, selectable
- 3 standard tones for fire-gas explosive toxic gas
- 3 tones activation input channels with priority levels, each of them with its own selectable tone
- 8 output channels with their own enabling/disabling inputs
- Output channels can be expanded using a master-slave chain. Slave module output tone generation can be synchronized with the master module using SYNC contact provided
- A selectable external tone can be added and driven together with the self-generated tone (for example it allows the connection of a microphone for speaking over the tone)
- Selectable tone/pre-recorded messages
- Adjustable gain
- Loudspeaker operating conditions monitoring capability with load current adjustment
- Fault indicator
- Easy installation on standard DIN rail-table-EExd Enclosure

Operating Voltage	24Vdc ± 20%
Maximum current consumption (tone generator only)	200mA
Power consumption (for each connected speaker)	2.8A 8Wmax
Output Voltage	3 - 22Vpp
Maximum External Max Power	8W
Operating Temperature Range	-35°C to +75°C
Size	Height – 127mm; Length – 182mm; Width – 53mm
Material	Halogen free plastic