



Multi tone buzzer

- **Functions: In case of ramp failure for the disabled, door closure and opening signal**
- **7 programmables tones (factory)**

Standards:

- Application: EN 50155
- ECM: EN 50121-3-2
- Environment: EN 60068, EN 60529
- Shocks/vibrations: EN 61373, EN 61000
- Fire / smoke: NF F 16 101 / 102, EN 45545-2
- REACH, ROHS

Electrical characteristics:

- Operating voltage: 24-36V, 72-110V (-30%/+25%)
- Reverse polarity protection
- Connector and cable length on request

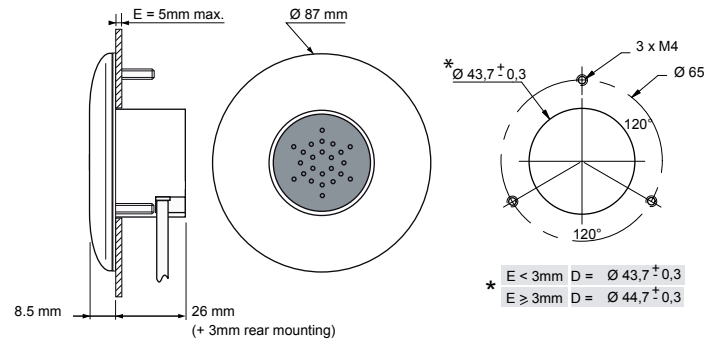
Mechanical characteristics:

- Protection : IP67 front and back
- Operating temperature : - 25°C / + 70°C
- Metal or plastic version
round or square, wide color range
- Front mounting (with bezel)
Rear mounting (without bezel)



Sound characteristics:

- The Buzzer Mafelec delivers a sound volume of 70dB in 1.5m in the axis of the product between 1750Hz and 3000Hz
- The range of regulation of the sound volume is of 10dB
Indication of the level of sound volume:
Low Volume ≈ 60 dB in 1m
Medium Volume ≈ 65 dB in 1m
High Volume ≈ 70 dB in 1m
- The obtained sound volume depends on the integration of the buzzer in its environment
- TSI PRM: 2015 sounds on development



Audio sequence N°	F1 (Hz)	D1 (s)	P1 (s)*	V1	F2 (s)*	D2 (s)*	P2 (s)*	V2 *	N	P3 (s)*	J1	J2	J3	J4
	Frequency 1 350Hz ... 3000Hz	Time 1 ≥ 0.05s	Stop 1 ≥ 0.05s	Sound volume ** Low, Medium, High	Frequency 2 350Hz à 3000Hz	Time 2 ≥ 0.05s	Stop 2 ≥ 0.05s	Sound volume ** Low, Medium, High	Nber of cycles (C) 1 mini.	Stop after N ≥ 0.05s				
1											c	-	-	0V
2											-	c	-	0V
3											c	c	-	0V
4											-	-	c	0V
5											c	-	c	0V
6											-	c	-	0V
7											c	c	c	0V

c = connecté au + de l'alimentation
- = non connecté

* If not used keep the box free

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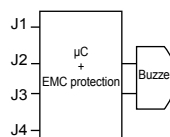
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Medium Volume ≈ 65 dB in 1m

High Volume ≈ 70 dB in 1m

The sound volume obtained depends on the integration of the buzzer in its environment.

Standard scheme (3 tones)



Graph of a sound frequency :

