



# ExII-Signalling Hooter mHP 12

**High volume sound device  
for use in zone 1 and 2**

- ▶ Protection degree IP 54
- ▶ Volume approx 108 dB(A)
- ▶ Protection class II
- ▶ Explosion protection:  
II 2 G Ex e mb II T5  
II 2 G Ex e mb II T4
- ▶ Optional with connecting cable

## Application

The signalling hooter mHP 12 was developed for warning, calling and indicating purposes in zone 1 and 2 environment. The hooter produces a sound volume of approx. 108 dB(A) at 1 m distance. It can be delivered in most common voltages.

Optional with permanently installed connecting cable. This cable must be connected either outside of the hazardous area or in an EEx e or an Ex e terminal box.

## Design

The driver system consists of a strong, non-pda rised electromagnet, whose striker hits the diaphragm between 100 and 120 times a second. All DC versions are equipped with an electronic contact breaker.

## Acoustic Signalling Device for zone 1 and 2

The signalling hooter mHP 12 was developed for warning purposes in zone 1 and 2 environment.



## Technical specifications

Housing Material	PC, black
Cable gland	M20 x 1,5
Cable cross section	up to 2,5 mm <sup>2</sup>
Type of protection	II 2 G Ex emb II T4 -20°C ≤ Ta ≤ +70°C ≤
	II 2 G Ex emb II T5 -20°C ≤ Ta ≤ +50°C ≤
	II 2 G Ex emb II T5 -20°C ≤ Ta ≤ +60°C

### Temperature range T4

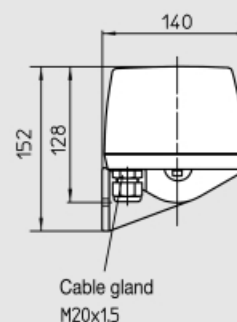
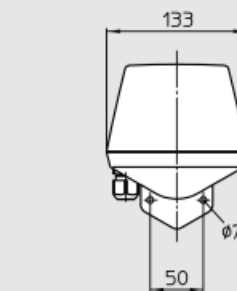
AC / DC version -20°C up to +70°C

### Temperature range T5

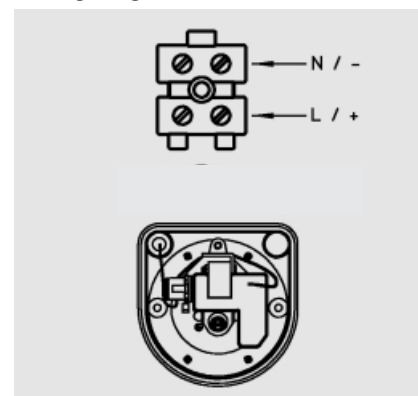
DC-version -20°C up to +60°C

AC-version -20°C up to +50°C

Storage temperature	-60°C up to +80°C
Operating utilization	Sound outlet position downwards
Operating mode	Duty cycle ED 75%
Protection degree	IP54
Protection class	II
Volume	approx. 108 dB(A), 1m
Version with Power cable	2 wire, Ø 6 mm



### Wiring diagram



## Order information

Type	Name	Rated voltage U <sub>e</sub>	Current consumption	Article no.
<b>Version temperature range T4</b>				
mHP 12	Signalling hooter without con. cable T4	24 VDC	0,3 A	401030111210
mHP 12	Signalling hooter without con. cable T4	115 VAC	0,15 A	401030111206
mHP 12	Signalling hooter without con. cable T4	230 VAC	0,07 A	401030111207
mHP 12	Signalling hooter with con. cable T4	24 VDC	0,3 A	401030112210
mHP 12	Signalling hooter with con. cable T4	115 VAC	0,15 A	401030112206
mHP 12	Signalling hooter with con. cable T4	230 VAC	0,07 A	401030112207
<b>Version temperature range T5</b>				
mHP 12	Signalling hooter without con. cable T5	24 VDC	0,3 A	401040111210
mHP 12	Signalling hooter without con. cable T5	115 VAC	0,15 A	401040111206
mHP 12	Signalling hooter without con. cable T5	230 VAC	0,07 A	401040111207
mHP 12	Signalling hooter with con. cable T5	24 VDC	0,3 A	401040112210
mHP 12	Signalling hooter with con. cable T5	115 VAC	0,15 A	401040112206
mHP 12	Signalling hooter with con. cable T5	230 VAC	0,07 A	401040112207

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