



## BRIEF INFORMATION

### TE20 and TE22 Trumpet Horn

- New generation of trumpet horn with a harmonious and strong bassy tone
- Project a wide sound emission for safe driving on the road
- Provide a harmonic sound experience for car user

## PRODUCT FEATURES

#### Application

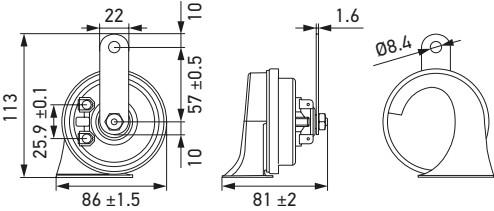
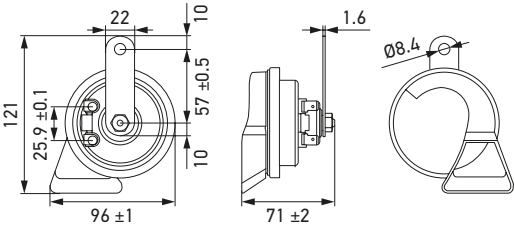
Horns are a mandatory part of the safety equipment of a vehicle. A particularly perceptible sound is necessary in order to be able to warn other road users optimally in dangerous situations. Our signal horns offer you a high level of functional reliability.

#### Design and function




- The driver presses the "horn" on the steering wheel.
- The signal is sent via a relay, thus activating the electromagnet.
- The diaphragm of the horn is now attracted by the magnet, separating the Minus Pole from the battery so that the magnet loses its power – consequently, the diaphragm returns back to its rest position. However, this will reconnect the Minus pole, so this process will be repeated as long as the horn is pressed.
- When the horn is pressed, the vibrations are very fast and so produce the loud sound.

# TECHNICAL DETAILS

Technical data		
Short Code	TE20	TE22
Rated voltage	12 V	
Frequency range	400 Hz (low tone)	
	500 Hz (high tone)	
Sound pressure level @ 2 m	110 ± 3 dB(A)	
Power consumption	72 W per horn	60 W per horn
Current Consumption	Max. 6 A	Max. 5 A
Operating temperature	- 40 °C to +75 °C	
Protection class	IP 65	
Service life	100,000 cycles (ECE-R28)	
Housing material	ABS	
Type approval	ECE-R28	

Dimensional sketches		
TE20 Trumpet Horn		
		
TE22 Trumpet Horn		
		

# PROGRAM OVERVIEW

Product picture	Description	Part number	Packaging unit
TE20 Trumpet Horn			
	12 V, 400 / 500 Hz	3FH 011 225-831	1 set
TE22 Trumpet Horn			
	12 V, 500 Hz	3FG 011 225-241	1 piece
	12 V, 400 / 500 Hz	3FH 007 728-831	1 set