



BRIEF INFORMATION

Long-Life Electronic horn S92E

- Ideal for all kinds of commercial vehicles
- Long-life horn with innovative technology
- Compact size and light weight
- Wide-voltage horn available in the range
- Eliminate mechanical wear thanks to electronic design

PRODUCT FEATURES

Application

Signal 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

Signal horns are powered by the battery current pulse, which is normally transmitted via a voltage pulse controlled by the steering wheel. The current signal is sent to a relay, on which the the entire control current is transmitted so that no voltage dips occur.

The current signal is sent to a relay, on which the the entire control current is transmitted so that no voltage dips occur. As the signal horn is powered by the electric current, a magnetic field is generated which attracts a metal core (shaft) together with a steel membrane. This magnetism causes vibrations that are converted by varying resonances to produce low or high tones.

TECHNICAL DETAILS

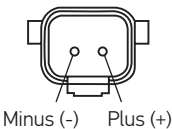
Technical data	
Diameter	92 mm
Nominal voltage	12 V / 24 V / Multi-Voltage
Frequency range	300 Hz (low tone) 400 Hz (high tone)
Sound pressure level @ 2 m	112 dB (A) + / - 5 dB (A)
Power consumption	72 W (24 V) 60 W (12 V)
Current consumption	3.0 A Max. (24 V) 5.0 A Max. (12 V)
Operating temperature	- 40°C to + 85°C
Protection class	IP 67
Service life	500,000 cycles (ECE-R28)
Housing material	Metal
Type approval	ECE-R28, ECE-R10

Technical Drawing

Technical drawing showing three views of the horn: a top view with a 90° angle and dimensions 22, Ø8.3, and 60; a side view with dimensions 56 and 0.8; and a front view with a dimension of 91.

Pin Assignment

Splashwater-proof DEUTSCH connector DT 06-25



OVERVIEW OF VARIANTS

Product photograph	Description	Part number	Packaging unit*
Ideal for all kinds of commercial vehicles:			
	24 V, 300 Hz, low tone	3AL 012 588-207	48
	24 V, 400 Hz, high tone	3AL 012 588-217	48
	12 V, 300 Hz, low tone	3AL 012 588-227	48
	12 V, 400 Hz, high tone	3AL 012 588-237	48
Ideal for Target group Forklifts:			
	12 – 80 V, 300 Hz, low tone	3AL 012 588-247	48
	12 – 80V, 400 Hz, high tone	3AL 012 588-257	48

* Single packaging on request.