Multicolour Light GH1 and GH1 with sounder

Optical or optical-acoustic signalling device with LED technology



Overview

The ActiveLine GH1 is designed to indicate various operating states of machines and systems. The possible signalling colours green, amber, red, blue and white are all shown in one single light element.

Each colour can be preset to continuous light, blinking light or strobe light.

The light is generated by use of light-emitting diodes. The model with sounder can also generate a penetrating signalling tone, with four adjustable sound levels.

The plastic housing, the foot and the sounder housing are made of impact-resistant thermoplastic. The cap consists of impact-resistant polycarbonat and the standpipe is made of aluminium.

Features

- 5 Different signal colours in just one lamp
- 3 Signal modes (strobe light, blinking light, continuous light)
- Space-saving installation
- Extremely long life-cycle thanks to LED technology
- Low energy consumption
- Optionally with sounder

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Specifications

Housing	Thermoplastic	
Cap	Polycarbonat	
Foot	Thermoplastic	
Standpipe	Aluminium	
Sounder housing (optional)	Thermoplastic	
Sound signal continuous swept tone	Frequency 2.8 kHz …3.4 kHz	
Volume	75 dB(A) to approx. 105 dB(A) in 4 adjustable steps	
Ingress protection	IP 54 according to EN 60529	
Connection terminals	Terminal capacity: 1,5 mm² single or fine-wire	
Operating modes	Continuous light one colour	the colour is permanently on
	multiple colours	990 ms switched on per colour
	Blinking light one colour	220 ms switched on, 275 ms switched off
	multiple colours	2 times blinking per colour
	Strobe light one colour	55 ms switched on, 440 ms switched off
	multiple colours	4 flashes per colour
	The colours always change in the sequence green – amber – red – blue – white	
Operating conditions	Indoors and outdoors	
Operating position	Any	
Temperature range		
Operation	-25 °C to +60 °C	
Storage	-40 °C to +70 °C	
Weight	Approx. 0.3 kg	

	AC variants	DC variants
Operating voltage	230 VAC, 50 to 60 Hz	24 VDC
Current consumption		
Colour (white) on/sounder off	< 50 mA	< 135 mA
Colour off/sounder on (max. volume)	< 27 mA	< 80 mA
Colour (white) on/sounder on	< 56 mA	< 190 mA
Power consumption	< 13 W	< 4,6 W

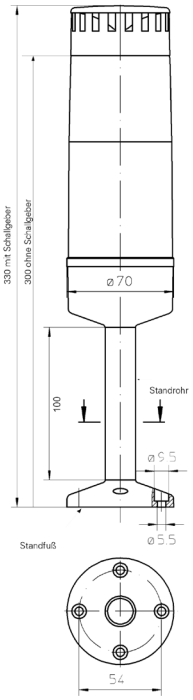
Ordering data

Type	Designation	Input voltage	Equipment	Art.-Nr.*
ActiveLine GH1	Multicolour Light	24 VDC, tolerance ± 20 %	without sounder	FHF 226 313 01
ActiveLine GH1	Multicolour Light	230 VAC	without sounder	FHF 226 307 01
ActiveLine GH1	Multicolour Light	24 VDC, tolerance ± 20 %	with sounder	FHF 226 313 011 0
ActiveLine GH1	Multicolour Light	230 VAC	with sounder	FHF 226 307 011 0

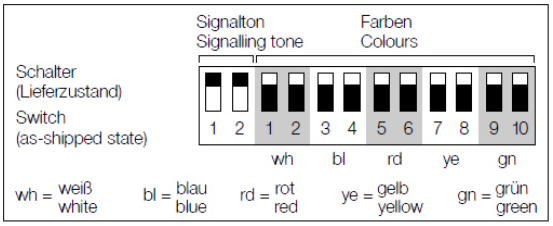
Accessories

GH1/S	Bracket for wall mounting	FHF 226 203 07

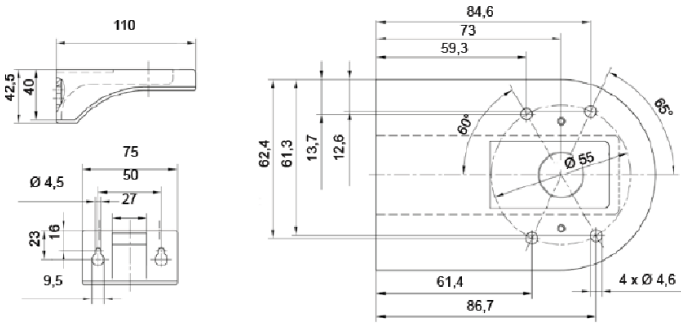
General arrangement drawing (All dimensions in mm)



Assignment plan



Optional bracket for wall mounting



Note: All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

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