///Active line
LED

Multicolour Light
GH5 for Zones 2 + 22

Optical signalling devices in LED-technology

► 5 different signal colours
in just one lamp

► 3 signalling modes
(flash, blinking and continuous light)

► Space-saving installation

► Extreme service life
thanks to LED technology

► Low power consumption

Ex ATEX Zone 2+22

Application

The ActiveLine Multicolour Light GH5 is designed as a fixed device of equipment group II category 3 for use in areas that can rarely and at short notice be endangered by an explosive atmosphere.

The Multicolour Light GH5 is constructed for use in Zones 2 and 22.

The light is an optical signalling device for universal use. The possible signalling colours red, yellow, green, blue and white serve many different signalling functions. The different signalling colours are generated in one single light element. Every colour allows presetting one of the operating modes: continuous light, blinking light or flash light. The light is generated by LED's.

Construction

The plastic housing and the cap consist of impact resistant polycarbonate. For the insertion of the connecting cable the device is equipped with a cable gland M20 x 1.5.

The metal bracket is intended for the wall mounting.

Optical Signalling device for Zones 2 + 22

In potential explosive atmosheres it is often necessary to use optical signals for warning.

Technical Data

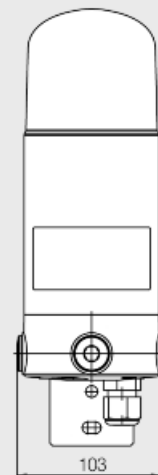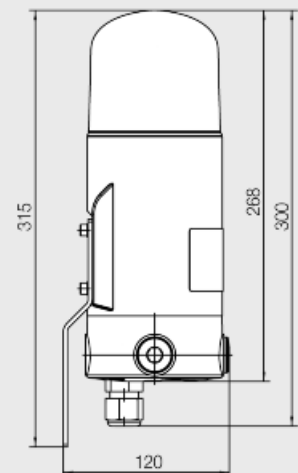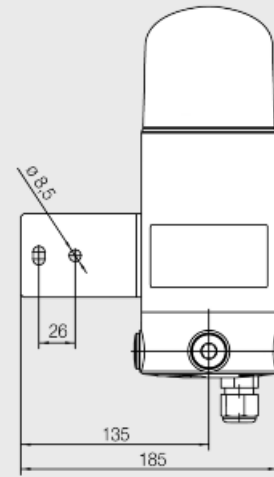|	
Type of protection	II 3 G Ex nR IIC T6
	II 3 D Ex tD A22 T85°C IP66
ATEX No.	FHF 10 ATEX 0004 X
Type	GH5
Degree of protection	IP66 acc. to EN60529
Operating temperature	-20°C…+50°C
Storage and transport temperature	-30°C…+70°C
Enclosure	Polycarbonate
Cap	Polycarbonate
Cable gland	M20 x 1.5 (Type acc. to PTB 99 ATEX 3128 X)
Connecting cable	Ø 5.5 to 13 mm
Clamp capacity of terminals	2.5 mm^2
Operating position	any position
Weight	appr. 1.4 kg

Operating modes

Continuous light	one colour: the colour is continuously on
	more than one colour: 990 ms turn-on time per colour
Blink light	one colour: 220 ms turn-on time, 275 ms turn-off time
	more than one colour: blinks 2 times per colour
Flash light	one colour: 55 ms turn-on time, 440 ms turn-off time
	more than one colour: flashes 4 times per colour
Change of colour	always in the order green-yellow-red-blue-white

Version with AC Voltage

Operating voltage (Voltage between colour terminals and terminal „N")	230 VAC, 50…60 Hz
Current consumption at 230 VAC, colour white on	< 50 mA
Power consumption	< 12 W
Insulation class	II

Version with DC voltage

Operating voltage (voltage between colour terminal and terminal „GND")	24 VDC
Tolerance of operating voltage	± 20%
Current consumption colour white on	< 135 mA
Power consumption at rated operating voltage	< 4 W
Insulation class	III / II

Order information

Type	Name	Rated Voltage U_e	Current Consumption	Article no.
Activeline	Multicolour Light GH5	24 VDC	< 135 mA	226 313 05
Activeline	Multicolour Light GH5	230 VAC	< 50 mA	226 307 05

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