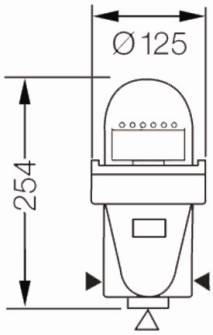
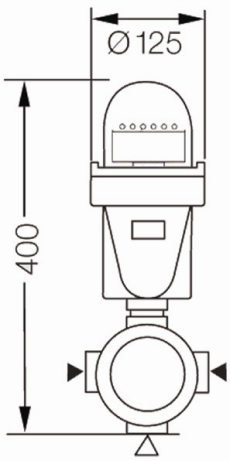
Hochspannungs-Lichttechnik
Bernd Ballaschk
Willischzaweg 48 • 03096 Burg • Tel. (035603) 60 663 • bballaschk@t-online.de

Explosion-proof LED-obstruction light LG 74 EX

direct introduction



indirect introduction



technical data

Type	LG 74 EX
Marking according 94/9/EG	II 2 G
Spark protection	direct introduction: EEx d IIC T3 indirect introduction : EEx de IIC T3
Type approval description	LOM 02 ATEX 2018 X
Lamp E27 according IEC 60238	high-intensity light-emitting diode, aviation-red with integrated optics
Supply voltage	available for AC 100V - 240V DC 12V, 24V, 48V
Power consumption	approx. 10 W
Luminous intensity	15 cd red, horizontal 360°
Average service life	> 100.000 operating hours
Sarge voltage protector	integrated in the light
Range of temperature	- 20 to + 55° C
Housing	copper-free aluminium, color RAL 7035, grey
Optics	glass bell clear, omni-directional, glass has a wide temperature range tolerance
Electrical connection	direct introduction: L,N PE; 1 x 2,5 mm² oder 2 x 2,5 mm² external PE 2 x 6 mm² indirekte introduction: L,N, max. 2 x 4 mm², PE max. 2 x 6 mm²
Degree of protection according EN 60529	IP 67
Class of protection	I
Dimensions	approx. 250 x 125 mm direct introduction approx. 450 x 125 mm indirect introduction
Weight	approx. 3 kg
Mechanical stress	impact-resistant and shock-proof, vibration-resistant
Spezification	certified according to CE, meets ICAO Annex 14, NFLI-139/80 3.5, approved by the Federal Ministry for Transport
Design	single obstruction light or double obstruction light
Accessoires	alarm relay and switching relay for double obstruction light

equipment

type	insertion bore	cable-input Ø	closing plug
LG 74 EX direct introduction	2 x 3/4" 2 x 3/4"	10 – 14 mm Ex-d -	1 x 3/4" Ex-d -
LG 74 EX indirect introduction	2 x M25 x 1,5 2 x M25 x 1,5	10 - 14 mm Ex-e -	1 x M25 x 1,5 Ex-e -

The pre-elektronic is located in the plastic connection box or can be optional mounted in the electric control cabinet. The distance to the pre-elektronic can be up to a length of 1000m, because the pre-elektronic compensates the power loss. The pre-elektronic produces a constant electric current for the obstruction light.