




# DATASHEET - SL 125 SERIES COMBINED PRODUCTS

## AUDIBLE & VISUAL SIGNALLING EQUIPMENT

### TECHNICAL DATA

<b>MATERIAL</b>	• <b>ENCLOSURE &amp; FRAME:</b> Stainless Steel 316L: • <b>LENS:</b> Tempered borosilicate glass 3.3																														
<b>COLOUR</b>	• <b>RED</b> : RAL 3001 - <b>YELLOW**</b> : RAL1018 - <b>BLUE**</b> : RAL5005 - <b>BLACK**</b> : RAL9005																														
<b>INGRESS PROTECTION</b>	• IP66/67																														
<b>AMBIENT TEMPERATURE FOR OPERATION</b>	• <b>T6</b> = - 40°C ~ + 55°C , <b>T5</b> = - 40°C ~ + 60°C, <b>T4</b> = - 40°C ~ + 70°C																														
<b>CERTIFICATION</b>	• <b>Nemko</b> 13 ATEX 1566X, IECEx NEM 13.0036X																														
<b>EX CODE</b>	•  II 2 GD Ex d IIC T4 ~ T6 Gb, Ex tb IIIC T135°C ~T85°C,																														
<b>STANDARD</b>	• EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31,																														
<b>ATEX AREA ZONE</b>	• <b>Gas zone:</b> 1 & 2 <b>Dust zone:</b> 21 & 22																														
<b>CANDELA LENS COLOR</b>	• <b>Red:</b> 0.15 • <b>Amber:</b> 0.51 • <b>Blue:</b> 0.12 • <b>Green:</b> 0.49 • <b>Clear:</b> 1																														
<b>LIGHT TYPE</b>	Flash tube (XENON) LED																														
<b>TRUE LIGHT INTENSITY</b>	<ul style="list-style-type: none"> <li>• <b>5 joules</b> = 109 Cd • <b>10 joules</b> = 293 Cd • <b>5 W</b> = 128 Cd • <b>10W</b> = 312 Cd</li> <li>• <b>15 joules</b> = 395 cd • <b>21 joules</b> = 424 Cd</li> </ul>																														
<b>PEAK LIGHT INTENSITY</b>	<ul style="list-style-type: none"> <li>• <b>5 joules</b> = 35970 Cd • <b>10 joules</b> = 66804 Cd</li> <li>• <b>15 joules</b> = 83345 Cd • <b>21 joules</b> = 95824 Cd</li> </ul>																														
<b>TIME LIFE</b>	• Emissions are reduced to 70% after 8 million flashes • >50 000 hours without luminosity decreasing																														
<b>BLINKING OR ROTARY FREQUENCY</b> (0 = steady status)	<ul style="list-style-type: none"> <li>• 60/80/120 times/min</li> <li>• 100/120/150 times/min</li> <li>• 120/150/180 times/min</li> <li>• 60/75/0 times/min</li> <li>• 60/75/100 times/min</li> <li>• 75/95/0 times/min</li> <li>• 75/95/120 times/min</li> </ul>																														
<b>CONSUMPTION BEACON</b>	<ul style="list-style-type: none"> <li>• <b>5 Joules</b> = 10W • <b>10 Joules</b> = 15W • <b>5W</b> • <b>10W</b></li> <li>• <b>15 Joules</b> = 20W • <b>21 Joules</b> = 25W</li> </ul>																														
<b>AMBIENT HUMIDITY*</b>	• until 95%*																														
<b>POWER SUPPLY</b>	• 12-48V DC • 12-48V AC (50/60hz) • 100-240V AC (50/60hz)																														
<b>RATED IMPULSE WITHSTAND VOLTAGE</b>	• 1kV following IEC 61000-4-5																														
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<b>CABLES ENTRY</b>	• 2 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (Specify)																														
<b>TERMINAL</b>	• From 22 to 14 AWG - from 0.50 mm <sup>2</sup> to 2.5 mm <sup>2</sup>																														
<b>NET WEIGHT</b>	• <b>SL125-A:</b> 10.2 Kg, <b>SL125-B:</b> 15 Kg, <b>SL125-C:</b> 20 Kg, <b>SL125-D:</b> 24.50 Kg																														
<b>EXTERNAL TRIGGER**</b>	• 25Hz <f<50Hz 40V<u<100V Z = 2k Ohms																														

\* = without runoff - \*\* = optional - cable gland and blind plug not provided

### MEANING OF LENS COLOR USAGE IN THE INTERNATIONAL STANDARD (IEC 60073)

COLOR	MEANING	ACTION	EXAMPLE
■ RED	EMERGENT	Dangerous state Take immediate action	• Pressure/Temperature beyond the safe state - Shutdown due to the action of protective devices - Fire alarm - Equipment failure alarm
■ AMBER	ABNORMAL	Abnormal state, near the critical status	• Pressure/Temperature above the normal range - Protective device released - Toxic and harmful gases release alarm
■ GREEN	SAFE	Normal state	• Pressure/Temperature in normal state - Automatic control system is operating normally
■ BLUE	MANDATORY	Requires operator's action	• Emergency evacuation - Abandon rescue and escape - Abandon platform or abandon ship - Enter the command
■ CLEAR	NO SPECIAL SIGNIFICANCE	If uncertainty for other colors, clear is allowed to be used	• General information - Can't exactly use red, yellow, green or blue - Used for the implementation of command - Indicate the measured values