

Signalling Devices

Visual signalling device Flashing Xenon Beacon

flameproof increased safety

6161/2-61-121-0 Art. No. 120674



- Robust, seawater resistant aluminium enclosure
- Flashing frequency 1 Hz
- Flashing energy 5 Joules
- Integrated Ex e connection chamber
- Light dome available in: signal yellow, red, orange, green, blue and clear
- Steady beacon in LED technology
- Extreme temperature range -40 ... +50 °C

WebCode 6161A



The flashing beacons and steady beacons of Series 6161 are installed to provide optical signals in explosive gas atmospheres and areas with combustible dust.

Technical Data

Explosion Protection

Application range (Zone)	1 2 21 22
Certificate IECEX Gas	IECEX LCI 08.0032X
Certificate ATEX Gas	LCIE 02 ATEX 6062 X
Certificate IECEX Dust	IECEX LCI 08.0032X
Certificate ATEX Dust	LCIE 02 ATEX 6062 X
Ambient temperature °C	-40 ... +40 °C
Gas explosion protection IECEX	Ex de IIC T6 Gb
Gas explosion protection ATEX	⊕ II 2 G Ex de IIC T6 Gb
Dust explosion protection IECEX	Ex tb IIIC T85 °C Db
Dust explosion protection ATEX	⊕ II 2 D Ex tb IIIC T85 °C Db
Ambient temperature °C 2	-40 ... +50 °C
Certificates	ATEX (LCI), China (CQST), EAC (TehnoP), IECEX (LCI), India (PESO), Korea (KTL)
Ship approval	GL

Electrical Data

Rated operational voltage AC	24 – 42 V
Rated operational voltage AC	24 – 42 V
Rated operational voltage DC	12 – 48 V
Nominal current	0.3 – 0.5 A
Back-up fuse	4 AT

Lighting Data

Lamps	Flash tube
Beacon	5 J
Flash rate	1 Hz

Ambient Conditions

Min. ambient temperature	-40 °C
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Ambient Conditions

Max. ambient temperature	+40 °C
Min. ambient temperature	-40 °C
Max. ambient temperature 2	+50 °C
Ambient temperature	-40 °C ... +40 °C -40 °C ... +50 °C

Mechanical Data

Type of protection (IP)	IP66
Type of protection IP (IEC 60529)	IP66
Enclosure material	Aluminium, powder coated, seawater resistant
Gasket material	NBR-O-ring seal
Material Fixing elements	Stainless steel
Material Dome	Polycarbonate (Lexan) prismatic
Material wire guard	Stainless steel
Weight	1.4 kg
Max. clamping range	13 mm
Min. clamping range	4 mm
Terminal marking	PE + N + L1
Connection terminals solid max.	4 mm ²
Connection terminals finely-stranded max.	2.5 mm ²
Type of connection line	finely-stranded solid
Width	76 mm
Height	260 mm
Length	91 mm
Lens Colour	Yellow
Enclosure colour	yellow / black, powder coated

Mounting / Installation

Connection type	Screw terminal block, 3-pole
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Components

Drilled hole	2 x M20
Cable entry	1 x M20 Ø 4 – 13 mm
Material of cable entry	polyamide black
Plug	1 x M20 x 1,5
Material stopping plug	polyamide black
Wire guard	Yes

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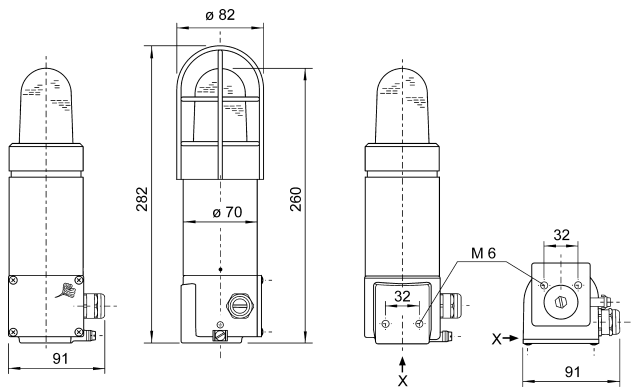
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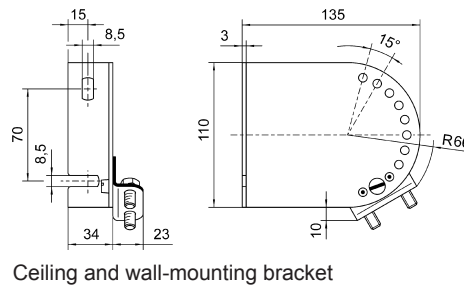
6161/2-61-121-0 Art. No. 120674



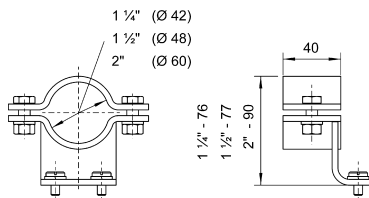
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



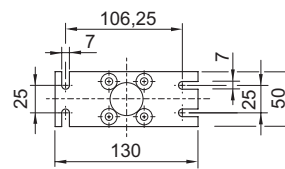
Optical beacon 6161



Ceiling and wall-mounting bracket

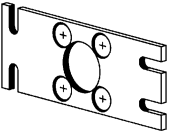
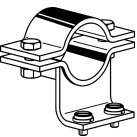
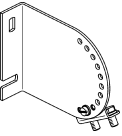



Pipe clamp



Mounting plate

Accessories and Spare Parts

		Art. No.
Mounting plate		
	material: stainless steel, includes mounting screws, for wall or floor mounting	120821
Pipe clamp		
	R 1 1/4"	120812
	R 1 1/2"	120819
	R 2"	120823
Ceiling and wallmounting bracket		
	material: stainless steel includes mounting screws	120826
Wire guard		
	material: stainless steel	120818

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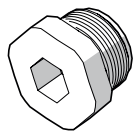
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Stopping plug

Art. No.



8290/3-M20, 1 piece

143522

8290/3-M20, 100 pieces

143543

Cable gland

Art. No.



8161/7-M20-1304

4 ... 13 mm², 50 pieces (delivery lot')

239156

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.