

# Signalling devices



## Visual signalling device Xenon flashing beacon

In flameproof enclosure

FX15/C-D-050-C-EN-SF-A-ST-00-00-00 Art. No. 217989



- Lamp: Flashing beacon – XENON (5 J)/continuous beacon – LED (6.5 W)
- Type of protection: Ex d
- Class: IP66/IP67 (IEC 60529/NEMA 4X)
- Corrosion-resistant GRP enclosure
- Including stainless steel protective cage
- Eight light-amplifying Fresnel lens colours can be ordered
- Low weight (2.25 kg)

MY R. STAHL FX15A



The **FX15 product series** provides visual signals as a continuous beacon with LED or a 5 J flashing beacon with xenon flashes. The enclosure is made from glass fibre reinforced polyester. The product series is intended for use in hazardous and harsh environments.

### Technical Data

#### Explosion Protection

Area of application	IECEX European Union (ATEX)
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX BAS 13.0003
IECEX gas explosion protection	Ex d IIC T6 ... T4 Gb
IECEX dust certificate	IECEX BAS 13.0003
IECEX dust explosion protection	Ex tb IIIC T73 °C ... T103 °C Db
ATEX gas certificate	Baseefa 13 ATEX 0006
ATEX gas explosion protection	⊕ II 2 G Ex d IIC T6 ... T4 Gb
ATEX dust certificate	Baseefa 13 ATEX 0006
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T73 °C ... T103 °C Db
Certificates	ATEX (BAS), IECEX (BAS)
Declaration of conformity	ATEX (EUK)

#### Electrical Data

Rated operational voltage DC	24 V
Tolerance	-10 ... 10 %

#### Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	49 cd
Flashbulb	5 J
Flash rate	1 Hz

#### Ambient Conditions

Ambient temperature	-60 °C ... +40 °C (T6) -60 °C ... +55 °C (T5) -60 °C ... +70 °C (T4)
Operating temperature	-50 °C ... +70 °C

#### Mechanical Data

Degree of protection (IP)	IP66
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## Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66/IP67
Enclosure material	Polyester (GRP), Glass fibre reinforced
Enclosure colour	Black
Sealing material	Red silicone 70
Material dome	Polycarbonate, prismatic
Wire guard material	Stainless steel
Max. solid connection terminals	2.5 mm <sup>2</sup>
Max. finely stranded connection terminals	2.5 mm <sup>2</sup>
Type of connection cable	Finely stranded Solid
Width	137 mm
Height	239 mm
Length	148 mm
Lens colour	Clear
Seal	O-ring seal
Weight	2.23 kg
Weight	4.92 lb

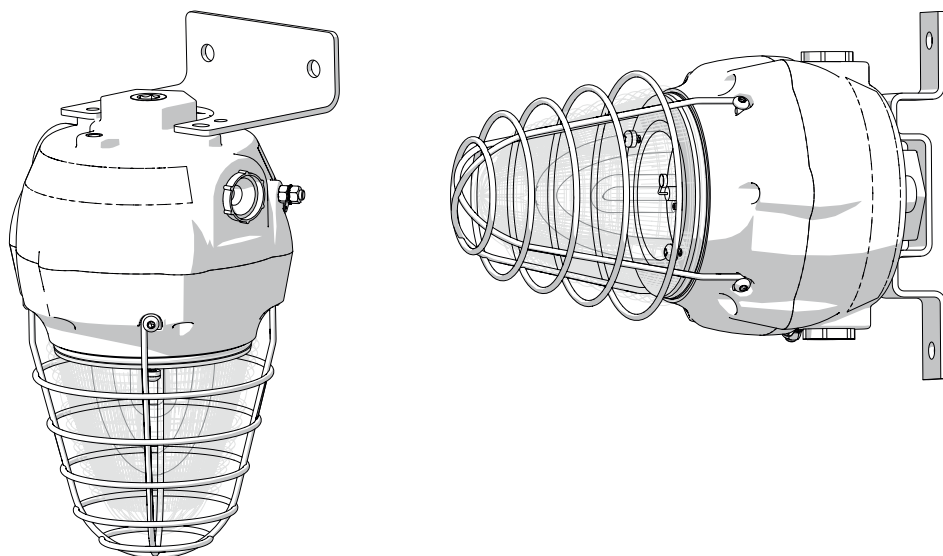
## Mounting / Installation

Connection type	Screw terminal
Mounting part material	Stainless steel
Note about mounting	Can be ordered as accessories

## Components

Drilled holes	3 x M20
Cable glands and entries	can be ordered as an accessory
Stopping plugs	3 x dust cap
Wire guard	Yes

## Technical Drawings – Subject to Alterations



# Signalling devices

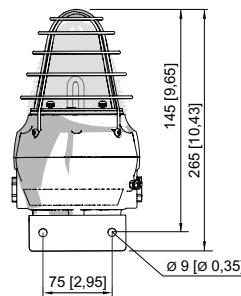
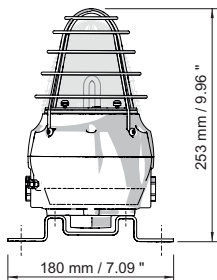
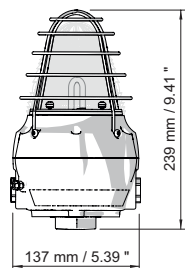
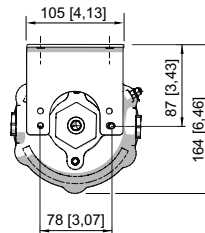
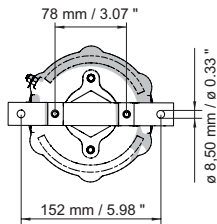
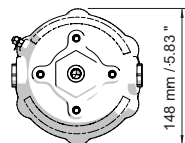
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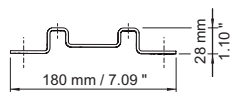
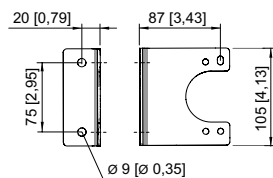
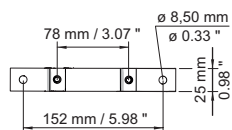
## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



FX15 flashing beacon

FX15 flashing beacon with fastening bracket

FX15 flashing beacon with L-bracket






L-bracket

Fastening bracket

## Accessories

### Metal cable gland

		Art. No.
	Ex d and Ex e cable gland with compound for all types of armoured cables (SWA, wire-braid, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649
	Ex d and Ex e cable glands with compound for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605
	Ex d and Ex e cable gland for all types of unarmoured cables (SWA, wire-braid, tape) (nickel-plated brass) with a special compensating sliding seal (CDS) Type 20T3CDS, M20 x 1.5	246561

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**STAHL**

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### Stopping plug

**Art. No.**

	Stainless steel stopping plug M20x1.5 with hexagon insert bit	251101
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### Mounting accessories


**Art. No.**

	Stainless steel L-bracket, standard version	221711
	Stainless steel L-bracket, long version	247371
	Stainless steel fastening bracket	221712
	Adapter plate for pipe clamp fastening	256519
	Stainless steel sun shield	262077
	Pipe clamp, R 1 1/4"	120812
	Pipe clamp, R 1 1/2"	120819
	Pipe clamp, R 2"	120823

### Spare Parts


#### Flange

**Art. No.**

	Flange, ATEX, clear (available for FL6S, FX15, YL6S)	223578
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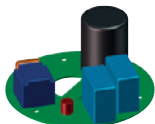
#### Fresnel lens

**Art. No.**

	Fresnel lens, clear, spare	292144
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#### PCB

**Art. No.**

	Connection PCB	223579
	Electronic PCB, 24 V DC, 5 J (available for FL6S, FX15, YL6S)	223635

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Lamp		Art. No.
	Xenon lamp	223636

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