

Signalling devices



Visual signalling device Xenon flashing beacon

In flameproof enclosure

FX15/C-L-050-A-EN-SF-A-ST-00-00-00 Art. No. 217981



- 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 T5 / T4 Gb |
| IECEX dust certificate | IECEX BAS 13.0003 |
| IECEX dust explosion protection | Ex tb IIIC T83 °C / T113 °C Db |
| ATEX gas certificate | Baseefa 13 ATEX 0006 |
| ATEX gas explosion protection | ⊕ II 2 G Ex d IIC T5 / T4 Gb |
| ATEX dust certificate | Baseefa 13 ATEX 0006 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb IIIC T83 °C / T113 °C Db |
| Certificates | ATEX (BAS), IECEX (BAS) |
| Declaration of conformity | ATEX (EUK) |

Electrical Data

| | |
|------------------------------|--------------|
| Rated operational voltage AC | 115 V |
| Tolerance | -10 ... 10 % |

Lighting Data

| | |
|------------|-------------------|
| Lamp | Xenon flash tubes |
| Flashbulb | 5 J |
| Flash rate | 1 Hz |

Ambient Conditions

| | |
|-----------------------|--|
| Ambient temperature | -60 °C ... +40 °C (T5) -60 °C ... +55 °C (T4) |
| Operating temperature | -55 °C ... +55 °C |

Mechanical Data

| | |
|---------------------------------------|-----------|
| Degree of protection (IP) | IP66 |
| Degree of protection (IP) (IEC 60529) | IP66/IP67 |

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Mechanical Data

| | |
|---|---|
| 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 ² |
| Max. finely stranded connection terminals | 2.5 mm ² |
| Type of connection cable | Solid Finely stranded |
| Width | 137 mm |
| Height | 239 mm |
| Length | 148 mm |
| Lens colour | Amber |
| Seal | O-ring seal |
| Weight | 2.25 kg |
| Weight | 4.96 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

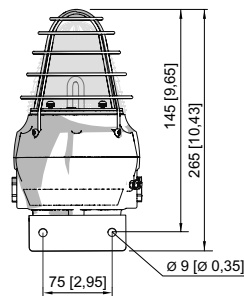
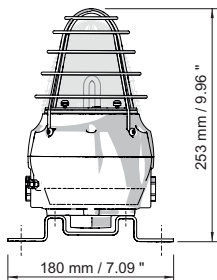
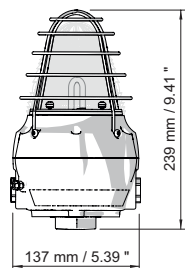
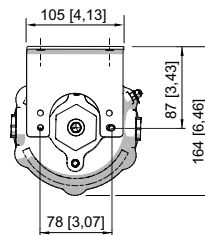
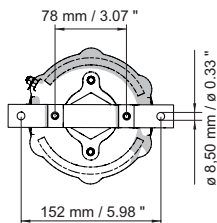
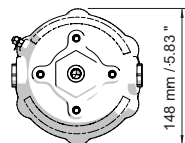
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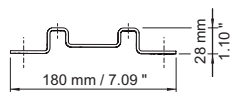
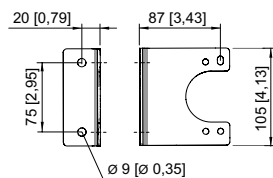
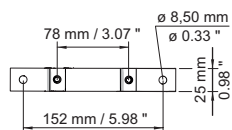
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



FX15 flashing beacon

FX15 flashing beacon with fastening bracket

FX15 flashing beacon with L-bracket



L-bracket

Fastening bracket

Accessories

Metal cable gland



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

Art. No.

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 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

Stopping plug



Stainless steel stopping plug M20x1.5 with hexagon insert bit

Art. No.

251101

Signalling devices


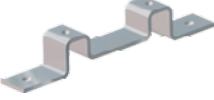
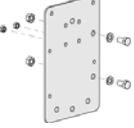

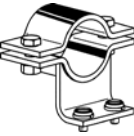
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STAHL


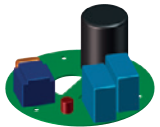
Mounting accessories

| | | 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, amber (available for FL6S, FX15, YL6S) | 243407 |

| Fresnel lens | | Art. No. |
|--|----------------------------|----------|
|  | Fresnel lens, amber, spare | 292060 |

| PCB | | Art. No. |
|--|------------------------------------|----------|
|  | Connection PCB | 223579 |
|  | Electronic PCB, 115 V AC, 5 joules | 223632 |

| Lamp | | Art. No. |
|--|------------|----------|
|  | Xenon lamp | 223636 |

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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.