



- Corrosion-resistant, GRP Ex d enclosure
- Suitable for offshore / onshore & harsh environments
- LED continuous beacon
- Light enhancing lens design
- Extreme temperature range -60 ... +70 °C
- Flexible mounting options
- Stainless steel fixings and guard
- Degree of protection IP66 & IP67
- Lightweight

E5

WebCode **FX15A**



Yodalex range

Continuously illuminated visual signal, GRP enclosure designed for use in hazardous and harsh environments.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table					
Lamp Rated operational voltage AC		LED 100 – 254 V			
Lens colour	Nominal current	Product Type	Art. No.	PS	Weight kg
Blue	0.015 – 0.03 A	FX15/C-P-060-B-EN-SF-A-ST-00-00-00	247069	80	2.250
Clear	0.015 – 0.031 A	FX15/C-P-060-C-EN-SF-A-ST-00-00-00	247085	80	2.250
Green	0.016 – 0.034 A	FX15/C-P-060-G-EN-SF-A-ST-00-00-00	247061	80	2.250
Orange	0.012 – 0.026 A	FX15/C-P-060-A-EN-SF-A-ST-00-00-00	247077	80	2.250
Red	0.012 – 0.025 A	FX15/C-P-060-R-EN-SF-A-ST-00-00-00	247093	80	2.250
Lamp Rated operational voltage DC		LED 24 – 24 V			
Lens colour	Nominal current	Product Type	Art. No.	PS	Weight kg
Blue	0.133 – 0.133 A	FX15/C-D-060-B-EN-SF-A-ST-00-00-00	247070	80	2.230
Clear	0.139 – 0.139 A	FX15/C-D-060-C-EN-SF-A-ST-00-00-00	247086	80	2.230
Green	0.15 – 0.15 A	FX15/C-D-060-G-EN-SF-A-ST-00-00-00	247062	80	2.230
Magenta	0.139 – 0.139 A	FX15/C-D-060-M-EN-SF-A-ST-00-00-00	251767	80	2.230
Orange	0.113 – 0.113 A	FX15/C-D-060-A-EN-SF-A-ST-00-00-00	247078	80	2.230
Red	0.109 – 0.109 A	FX15/C-D-060-R-EN-SF-A-ST-00-00-00	247094	80	2.230

Technical Data	
Explosion Protection	
Ambient temperature °C	-60 ... +70 °C
Gas explosion protection IECEx	Ex d IIC T6 Gb

Technical Data

Explosion Protection

Gas explosion protection ATEX	Ex II 2 G Ex d IIC T6 Gb
Dust explosion protection IECEx	Ex tb IIIC T85 °C Db
Dust explosion protection ATEX	Ex II 2 D Ex tb IIIC T85 °C Db
Certificates	ATEX (BAS), Brazil (ULB), IECEx (BAS), India (PESO)

Electrical Data

Tolerance	-10 – 10 %
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Ambient Conditions

Operating temperature	-60 °C ... +50 °C
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Mechanical Data

Degree of protection IP (IEC 60529)	IP66/IP67
Enclosure material	Polyester (GRP), Glass fibre reinforced
Enclosure colour	Black
Seal	O-ring seal
Sealing material	Red silicone 70
Material mounting parts	Stainless steel
Material dome	Polycarbonate, prismatic
Material wire guard	Stainless steel
Connection terminals solid max.	2.5 mm ²
Connection terminals finely-stranded max.	2.5 mm ²

Mounting / Installation

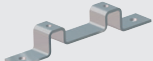
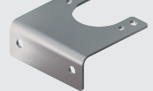
Connection type	Screw terminal
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Components

Drilled holes	3 x M20
Screw connections	Can be ordered as accessories
Stopping plug	3 x dust cap

You can find more technical data online at r-stahl.com. WebCode FX15A

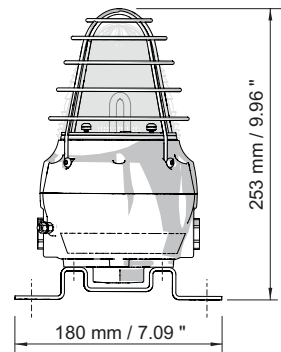
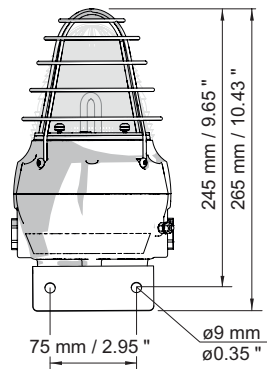
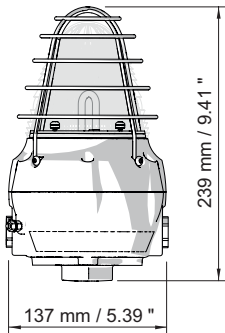
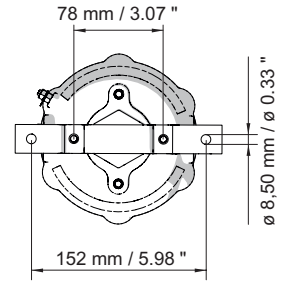
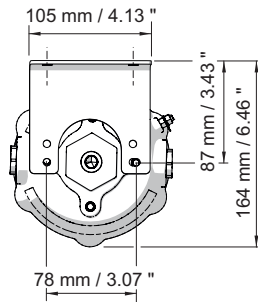
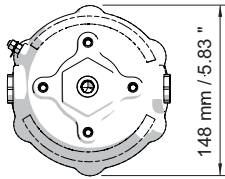
Accessories and Spare Parts

Figure	Description	Art. No.	Weight kg
Cable glands made of metal			
	Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass)	243464	0.070
	Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)	109428	0.240
Mounting accessories			
	Stainless steel backstrap mounting bracket - see dimensional drawings	221712 ▲	0.155
	Stainless steel L-bracket; standard — see dimensional drawings	221711 ▲	0.287

FX15 Beacons are supplied without a bracket. These must be ordered separately (see accessories table).

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

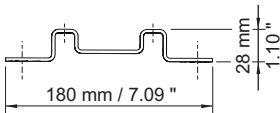
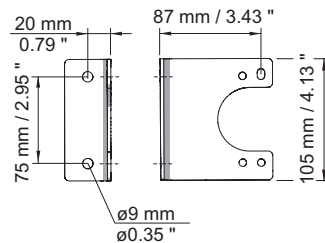
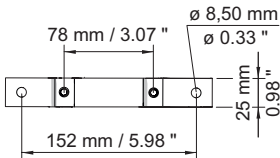
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FX15 Beacon

FX15 Beacon with L-bracket

FX15 Beacon with backstrap bracket



L-shaped bracket

Backstrap bracket