



## Features

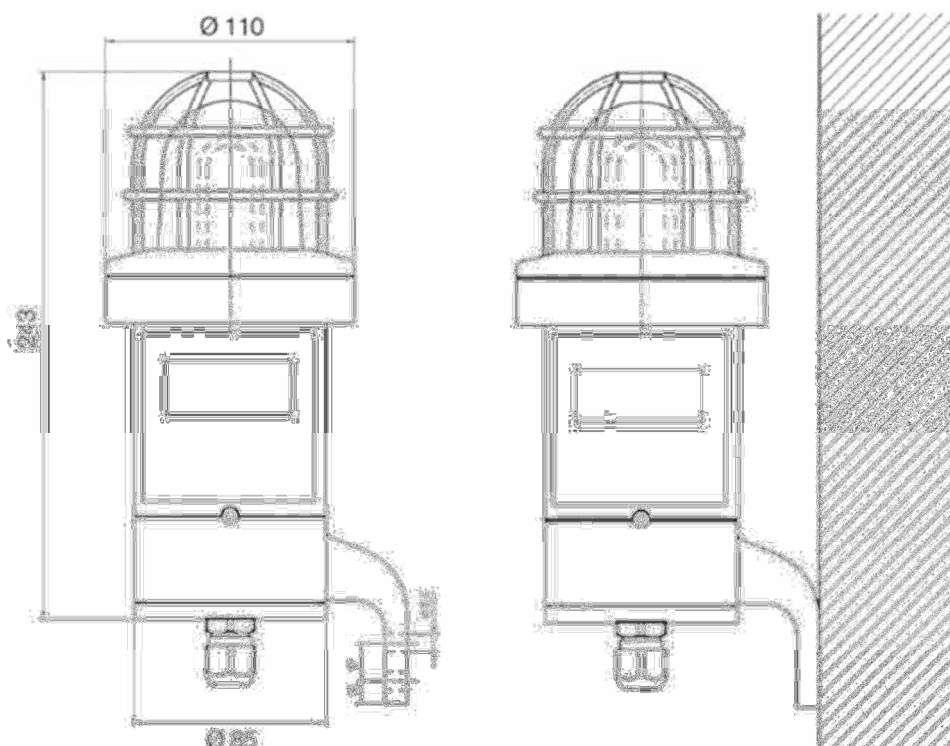
- Visual signal device with powerful xenon tube for use in explosion endangered areas of zones 1 and 2
- Typical applications in chemical/petrochemical industries, refineries, vessel/aircraft industries, ammunition depots, fork lifts etc.
- Sturdy aluminium housing, coated or powder coated
- Compact dimensions – also suitable for building in (only lens visible)
- Flameproof chamber „d“ – terminal connection chamber in protection class increased safety „e“
- For continuous operation
- Models with 5 or 15 J strobe energy
- Hardened glass lens (borosilicate glass), 5 J and 15 J model with protection cage made of stainless steel
- 5 lens colours

## Approvals

- ATEX certificate: PTB 03 ATEX 1230  
EN 60079-0 : 2006, EN 60079-1 : 2004, EN 60079-7 : 2007,  
EN 61241-0 : 2006, EN 61241-1 : 2004

## Technical data

Type	dSF
Ingress protection	IP66
Temperature range	-40° to +55°C
Light source	xenon 5/15J
Housing, colour	aluminium, surface coated or powder coated (yellow/blue)
Mounting	mounting bracket
Weight	2kg
Lens	hardened borosilicate glass
Lens colour	amber, red, clear, blue, green
Strobe frequency/lifetime	~ 1Hz, approx. 5 x 10 <sup>6</sup> flashes
Operation	Continuous
Terminal	1,5mm <sup>2</sup> fine wire; 2,5mm <sup>2</sup> single wire
Cable entry	cable gland M20x1,5 and blind plug M20x1,5
Insulation class	I equipotential bonding screw connection with wire protection clamp outside (cross section max. 4mm <sup>2</sup> )



## Order data

Type	Order nr.	Classification	Denomination	Strobe energy	Nominal voltage	Voltage range	Nominal current
dSF1	335 00[c] 413	1	Ex-Proof Strobe Beacon	15J	230/240Vac 50-60Hz	207-253Vac	0,200A
	335 10[c] 410			5J	110/120Vac 50-60Hz	103-127Vac	0,135A
	335 10[c] 413			5J	230/240Vac 50-60HZ	207-253Vac	0,130A
dSF2	335 00[c] 005	1	Ex-Proof Strobe Beacon	15J	24Vdc	21-53Vdc	1,000A
	335 00[c] 009				80Vdc	72-132Vdc	0,250A
	335 10[c] 005			5J	24Vdc	21-53Vdc	0,280A
	335 10[c] 009				80Vdc	72-132Vdc	0,090A

<sup>1</sup> Zone 1,2,21,22  
 II 2G Ex de IIC T5/T6  
 II 2D Ex tD A21 IP66 T95°C/T80°C  
 -40°C ≤ Ta. ≤ +55°C/+40°C

### [c] Colour code for lens

Code	Colour	Code	Colour
1	Amber	5	Blue
2	Red	6	Green
4	Clear		

