

Ex-Proof Strobe Beacon dSF



II 2 G Ex d e IIC T5/T6 Gb
 II 2 D Ex tb IIIC T95 °C/T80 °C Db
 -55 °C ≤ Ta ≤ +55 °C
 Zone 1, 2, 21, 22

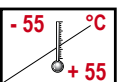
Features

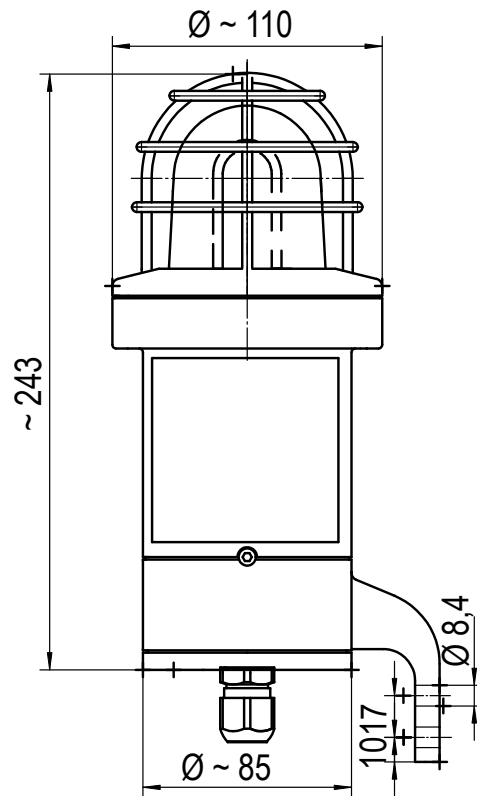
- ▶ Visual signal device with powerful xenon tube for use in explosion endangered areas of zones 1 and 2
- ▶ Typical applications in chemical/petrochemical industries, refineries, vessel/aircraft industries, ammunition depots, fork lifts etc.
- ▶ Sturdy aluminium housing, coated or powder coated
- ▶ 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 J 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



Technical data

Type	dSF
Housing, colour	aluminium, surface coated or powder coated (yellow/blue)
Lens	hardened borosilicate glass
Lens colour	amber, red, clear, blue, green
Terminal	1,5 mm ² fine wire, 2,5 mm ² single wire
Cable entry	cable gland M20 x 1,5 and blind plug M20 x 1,5
Mounting	mounting bracket
Strobe frequency/lifetime	~ 1 Hz, approx. 5 x 10 ⁶ flashes
Operation	continuous
Insulation class	I – equipotential bonding: screw connection with wire protection clamp outside (cross section max. 4 mm ²)
Weight	2 kg
Approval	PTB 03 ATEX 1230





Order data

Type	Order No.	Denomination	Strobe energy (J)	Nominal voltage (V)	Voltage range (V)	Nominal current (A)
dSF1	335 00C 410	Ex-proof strobe beacon with protection cage	15	110/120 V AC 50-60 Hz	103-127 V AC	0,200
	335 00C 413			230/240 V AC 50-60 Hz	207-253 V AC	0,200
	335 10C 410		5	110/120 V AC 50-60 Hz	103-127 V AC	0,135
	335 10C 413			230/240 V AC 50-60 Hz	207-253 V AC	0,130
dSF2	335 00C 005	Ex-proof strobe beacon with protection cage	15	24 V DC	21-53 V DC	1,000
	335 00C 009			80 V DC	72-132 V DC	0,250
	335 10C 005		5	24 V DC	21-53 V DC	0,280
	335 10C 009			80 V DC	72-132 V DC	0,090

Colour code for lens

1	amber	5	blue
2	red	6	green
4	clear		