



## Features

- Visual signal device with powerful xenon tube for use in explosion endangered areas of zones 1 and 2
- Modular system – synthetic housing made of glass fibre reinforced polyester
- Flameproof chamber „d“ – terminal connection chamber in protection class increased safety „e“
- For continuous operation
- Models with 5 or 15 J strobe energy
- 4 lens colours
- Insulation class II – no equipotential bonding required

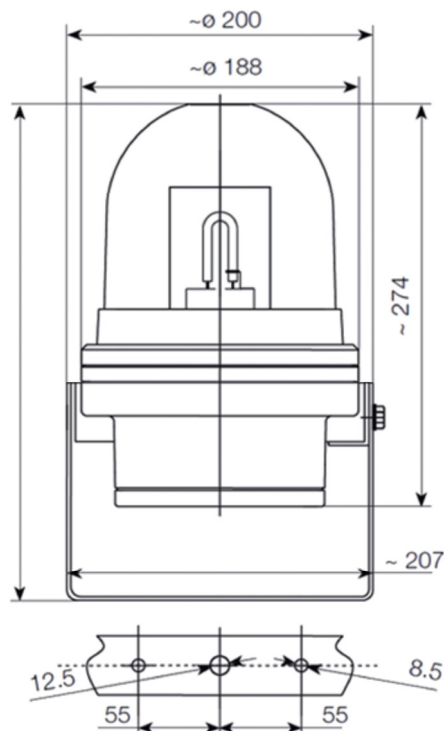
## Approvals

- ATEX certificate: PTB 02 ATEX 1098  
EN 60079-0 : 2006, EN 60079-1 : 2007, EN 60079-7 : 2007,  
EN 61241-0 : 2006, EN 61241-1 : 2004

## Technical data

Type	dHF
Ingress protection	IP66
Temperature range	-20° to +75°C
Light source	xenon 5/15J
Housing, colour	glass fibre reinforced polyester, black RAL 9005
Mounting	as required - swivelling mounting bracket
Weight	5,9kg
Lens	polycarbonate (makrolon)
Lens colour	amber, red, blue, green (inner lens)
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	II no equipotential bonding
Equipotential bonding	connection inside housing
Current intensity	IK ≤ 3A

# dHF Ex-Proof Strobe Beacon



## Order data

Type	Order nr.	Classification	Denomination	Strobe energy	Nominal voltage	Voltage range	Nominal current
dHF1	340 00[c] 413	1	Ex-Proof Strobe Beacon	15J	230/240Vac 50-60Hz	207-253Vac	0,200A
	340 10[c] 410			110/120Vac 50-60Hz	103-127Vac	0,135A	
	340 10[c] 413			230/240Vac 50-60 HZ	207-253Vac	0,130A	
dHF2	340 00[c] 005	1	Ex-Proof Strobe Beacon	15J	24Vdc	21-53Vdc	1,000A
	340 00[c] 009				80Vdc	72-132Vdc	0,250A
	340 10[c] 004			5J	12Vdc	10-14Vdc	0,600A
	340 10[c] 005				24Vdc	21-53Vdc	0,280A
	340 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  
 -20°C ≤ Ta. ≤ +75°C/+40°C

### [c] Colour code for lens

1	Amber	5	Blue
2	Red	6	Green

