

## 760 EEx-Signal Horn

Zone 1 and 2

Signal horn with compression-proof metal protection

Salt water-proof housing

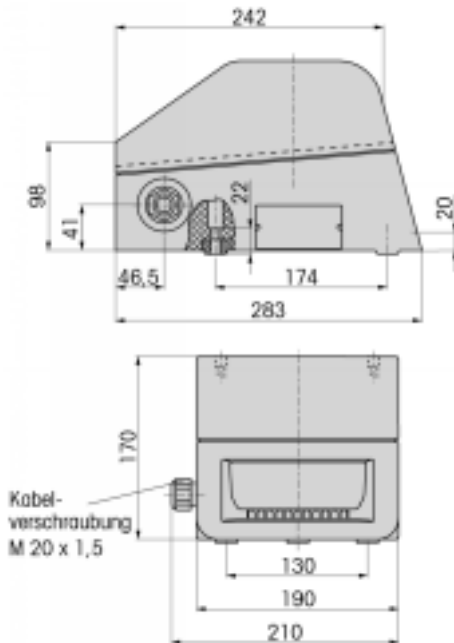


### TECHNICAL SPECIFICATIONS

<b>Dimensions (Diameter x Height):</b>	283 mm x 210 mm x 170 mm
<b>Housing :</b>	Aluminium inner housing, outer housing high quality polyurethane
<b>Connection:</b>	Screwable connection, cable gland M 20 x 1,5
<b>Current consumption:</b>	300 mA at 24 V = 70 mA at 230 V~
<b>Mounting :</b>	Sound outlet facing downwards
<b>Explosion protection:</b>	II 2G EEx de IIC T6 PTB 01 ATEX 1055

### ORDER SPECIFICATIONS

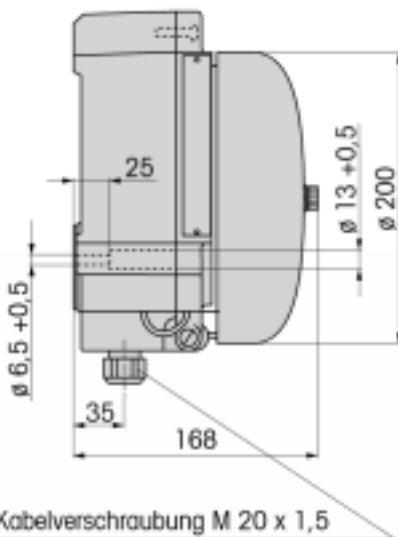
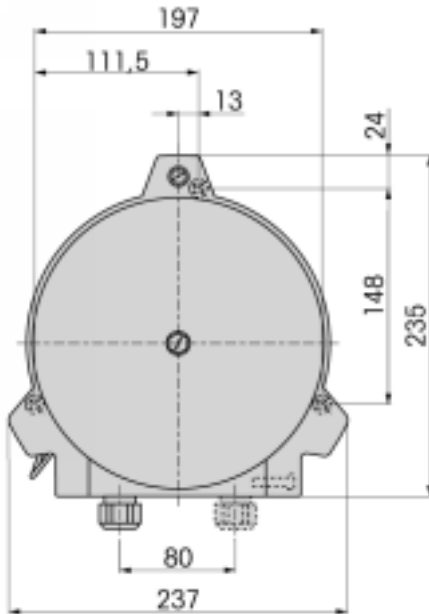
Order-Nr.	Voltage	Current consumption
76000155	24 V =	300 mA
76000168	230 V ~	70 mA



## 790 EEx-Alarm Bell

# discontinued

Zone 1 and 2  
 Particularly loud ring for hazardous areas  
 Exceptionally robust construction



Kabelverschraubung M 20 x 1,5

### TECHNICAL SPECIFICATIONS

<b>Dimensions</b> (Diameter x Height):	237 mm x 168 mm
<b>Housing :</b>	Saltwater-proof aluminium inner housing, outer housing: high quality polyurethane
<b>Connection:</b>	Cable gland M 20 x 1,5
<b>Duty cycle:</b>	100 %
<b>Explosion protection:</b>	II 2G EEx de II C T6 PTB 01 ATEX 1056

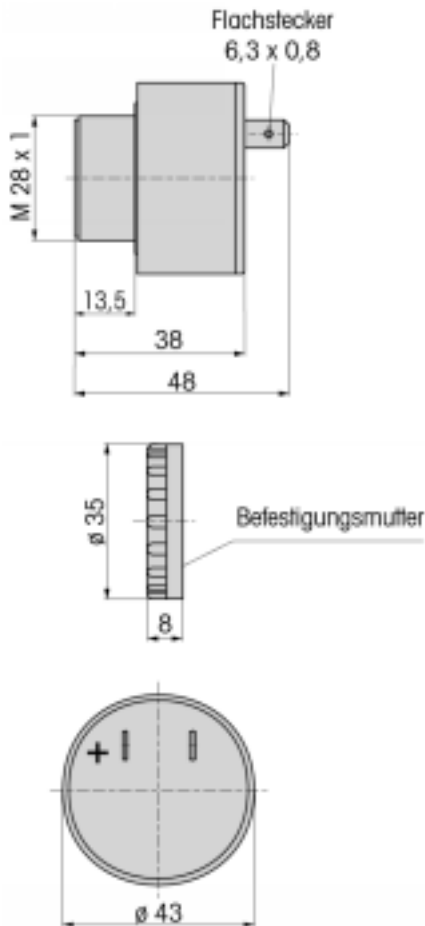
### ORDER SPECIFICATIONS

Order-Nr.	Voltage	Current consumption
79000155	24 V =	350 mA
79000168	230 V ~	60 mA



## 718 EEx-Electronic Buzzer

Zone 1 and 2  
 Intrinsically safe EEx-installation buzzer  
 IP 43 with cap  
 Low current consumption  
 Continuous tone



### TECHNICAL SPECIFICATIONS

<b>Dimensions</b> (Diameter x Height):	43 mm x 48 mm
<b>Housing :</b>	ABS, high impact, grey
<b>Connection:</b>	Spades 6.3 x 0.8 mm
<b>Audio frequency:</b>	2400 Hz
<b>Explosion protection:</b>	II 2G EEx ib IIC T4 / T5 / T6 DMT 98 ATEX E 005 X
<b>Maximum values of the Zener barrier:</b>	U <sub>i</sub> : 40 V = , I <sub>i</sub> : 660 mA:
<b>Minimum values of the Zener barrier:</b>	for 12 V =: 5 V = / 10 mA for 24 V =: 15 V = / 20 mA

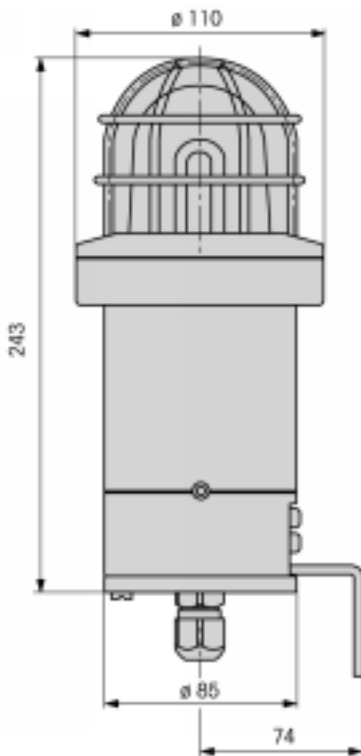
### ORDER SPECIFICATIONS

Order-Nr.	Voltage	Current consumption
71800054	12 V =	10 mA
71800055	24 V =	20 mA
97511800	Cap black (IP 43)	



## 720 EEx-Flashing Beacon

Zone 1 and 2  
Especially compact flashing beacon  
Versatile use



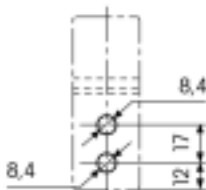
### TECHNICAL SPECIFICATIONS

<b>Dimensions (Diameter x Height):</b>	110 mm x 243 mm
<b>Dome:</b>	Reinforced borosilicate glass
<b>Housing :</b>	Aluminium
<b>Connection:</b>	Cable gland M 20 x 1,5
<b>Current consumption:</b>	at 24 V : 1A at 230 V : 200mA
<b>Flash frequency:</b>	1 Hz
<b>Life duration:</b>	5 x 10 <sup>6</sup> flashes
<b>Mounting :</b>	Bracket mounting, Installation mounting
<b>Explosion protection:</b>	II 2G Eex de IIC T6 PTB 01 ATEX 1057
<b>Wire guard:</b>	Rust-proof steel, powder-coated

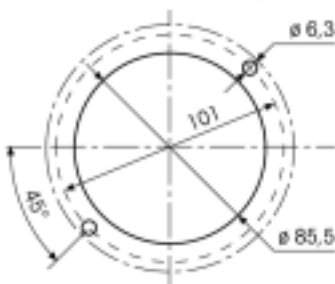
### ORDER SPECIFICATIONS

Order-Nr.	Color	Voltage
72010155	red	24 V =
72030155	yellow	24 V =
72010168	red	230 V ~
72030168	yellow	230 V ~

Bohrbild Winkelmontage



Bohrbild Einbaumontage



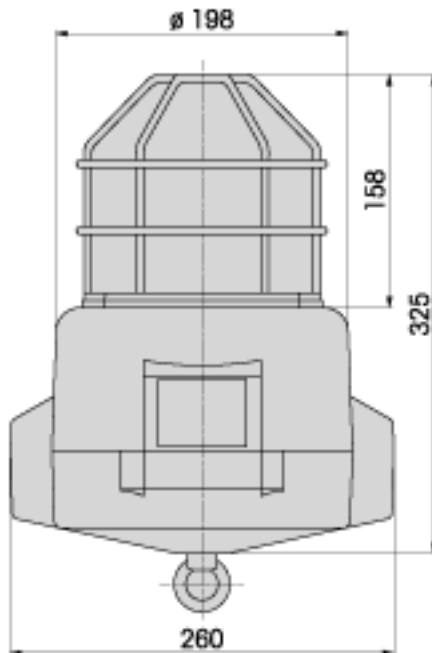
## 730 EEx-Double Flash Beacon

Zone 1 and 2

EEx-Double flash beacon in solid construction

2 separate flashing beacon systems

3 separate operation modes



### TECHNICAL SPECIFICATIONS

<b>Dimensions</b> (Diameter x Height):	260 mm x 325 mm
<b>Dome:</b>	Reinforced borosilicate glass
<b>Housing :</b>	Saltwater-proof aluminium core, outer housing high quality polyurethane
<b>Connection:</b>	Cable gland M 20 x 1,5
<b>Life duration:</b>	5 x 10 <sup>6</sup> flashes
<b>Explosion protection:</b>	II 2G EEx de IIC T6, PTB 01 ATEX 1054
<b>Wire guard:</b>	Rust-proof steel, epoxy coated
<b>Operation modes:</b>	<ol style="list-style-type: none"> <li>1. Synchronized drive, 15 Ws every 1,5 s</li> <li>2. Alternating drive, 7,5 Ws every 0,75 s</li> <li>3. Double flash 200 ms, 15 Ws every 1,5 s</li> </ol>

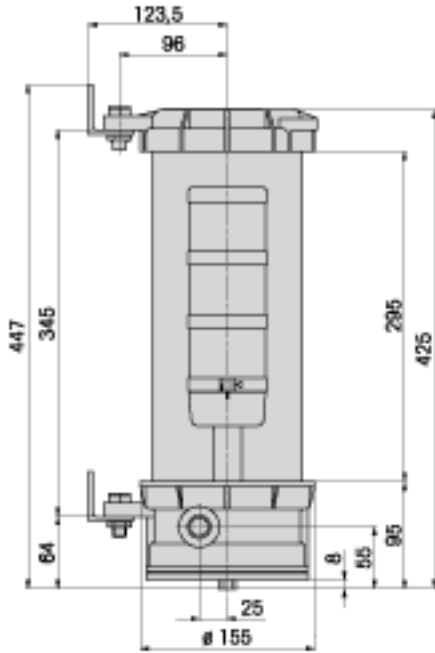
### ORDER SPECIFICATIONS

Order-Nr.		Voltage	Current consumption
73010155	red	24 V =	700 mA
73030155	yellow	24 V =	700 mA
73010168	red	230 V ~	60 mA
73030168	yellow	230 V ~	60 mA



## 740 EEx-Signal Tower

Zone 1 and 2, Zone 21 and 22  
 Signal tower KombiSIGN in protective housing  
 Available with up to 3 light elements  
 Also available as LED version



### TECHNICAL SPECIFICATIONS

<b>Dimensions (Diameter x Height):</b>	155 mm x 425 mm
<b>Housing :</b>	Ex-protective housing aluminium, glass
<b>Connection:</b>	incl. approved compression-proof cable-entry
<b>Explosion protection:</b>	II 2G EEx d II C T6 II 2D EEx d II B / II C 85°C ( T6) L.C.I.E. 97 ATEX 6012 Technical specification of signal tower <a href="#">see next page</a>

### ORDER SPECIFICATIONS

#### Bulb versions

Order-Nr.	
74021000	red/green
74023100	red/yellow/green

#### LED permanent light 24 V

Order-Nr.	
74021055	red/green
74023155	red/yellow/green

95584035	Bulb BA 15d, max. 42 mm, 5 W, 24 V
95584038	Bulb BA 15d, max. 42 mm, 5 W, 230 V



**740 Technical Specifications (840 Signal Tower KombiSIGN 70)**

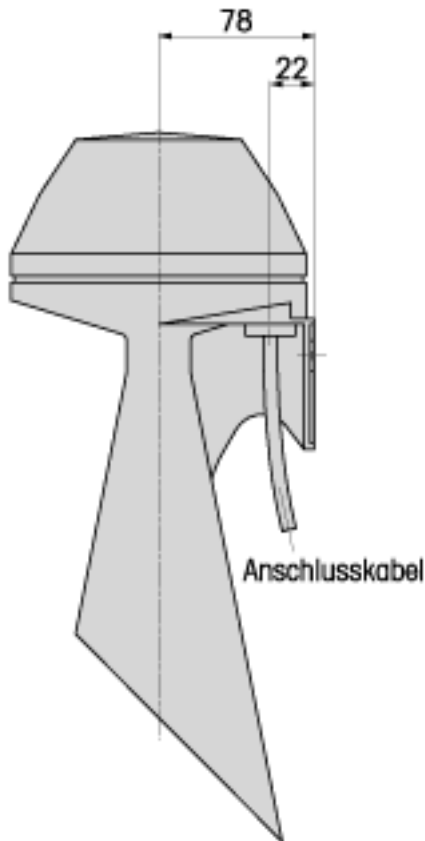
Signal tower system 70 mm Ø with modular construction, 360° visibility, Wide range of optical and audible elements, Elements can be assembled as required

**TECHNICAL SPECIFICATIONS**

<b>Dimensions (Diameter x Height):</b>	Terminal element: 70 mm x 30 mm Light element: 70 mm x 65 mm Audible element: 70 mm x 72 mm
<b>Housing and accessories:</b>	Polyamide, high impact, black
<b>Dome:</b>	Polycarbonate, transparent
<b>Fixing:</b>	Base mounting Tube mounting, for tube ø 25 mm Bracket mounting
<b>Socket:</b>	Bayonet, B 15 d, for bulb max. 7 W
<b>Connection:</b>	Screwable connection up to 2,5 mm <sup>2</sup> , Contact protection according to VDE
<b>Element seal:</b>	Standard pre-mounted with each module
<b>Protection rating:</b>	Light elements: IP 54 Audible elements: IP 54 (Order no. 84412355 = IP 40)
<b>Number of modules possible:</b>	max. 5 / max. 10 elements with 2-sided bracket
<b>Operating temperature:</b>	-20°C to +50°C
<b>sound intensity:</b>	105 dB
<b>Permanent light element:</b>	12 - 240 V Bulb not included in assembly
<b>Blinking light element:</b>	24 V =~ 115 V =~ 230 V =~ Bulb not included in assembly
Starting current:	< 0,5 A
<b>Flashing light element:</b>	12 V = 24 V = 115 V ~ 230 V ~
Flashing frequency:	1 Hz 1 Hz 1 Hz 1 Hz
Flash energy:	2 Ws 2 Ws 2 Ws 2 Ws
Life duration:	4 Mio. flashes
Current consumption:	195 mA 125 mA 20 mA 35 mA
reduced for AS-Interface:	80 mA
Starting current:	< 0,5 A at 24 V
<b>LED-Permanent light element:</b>	24 V =~ 115 V ~ 230 V ~
Current consumption:	45 mA 25 mA 25 mA
Starting current:	< 0,5 mA
<b>LED-Blinking light element:</b>	24 V =~ 115 V ~ 230 V ~
Current consumption:	25 mA 25 mA 25 mA
Starting current:	< 0,5 mA
Blinking frequency:	c. 1 Hz c. 1 Hz c. 1 Hz
<b>LED-Rotating light element:</b>	24 V =~
Current consumption:	70 mA
Starting current:	< 0,5 mA
Rotation frequency:	c. 120 r.p.m.

**750 EEx-Signal Horn**

**Zone 1 and 2**  
**Signal horn for Ex protected areas**  
**Fully encapsulated**  
**Reduced current consumption**

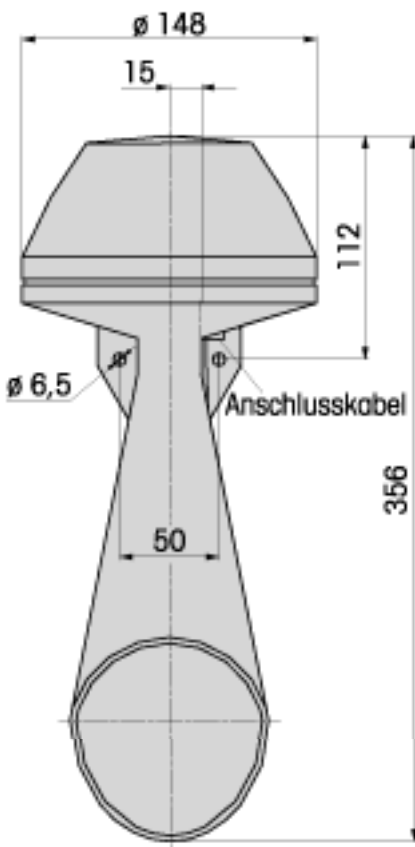


**TECHNICAL SPECIFICATIONS**

<b>Dimensions</b> (Diameter x Height):	152 mm x 148 mm x 356 mm
<b>Fixing :</b>	Bracket mounting, sound outlet facing downwards
<b>Housing :</b>	ABS, high impact, black
<b>Connection:</b>	Cable 3m, 2 x 0,75 mm <sup>2</sup>
<b>Explosion protection:</b>	II 2G EEx m IIB T5 BVS 03 ATEX E 118X

**ORDER SPECIFICATIONS**

<b>Voltage</b>	<b>24V =</b>	<b>24V ~</b>	<b>42V ~</b>	<b>115V ~</b>	<b>230V ~</b>
<b>Current consumption</b>	<b>350mA</b>	<b>450mA</b>	<b>200mA</b>	<b>200mA</b>	<b>70mA</b>
	<b>75000055</b>	<b>75000065</b>	<b>75000066</b>	<b>75000067</b>	<b>75000068</b>



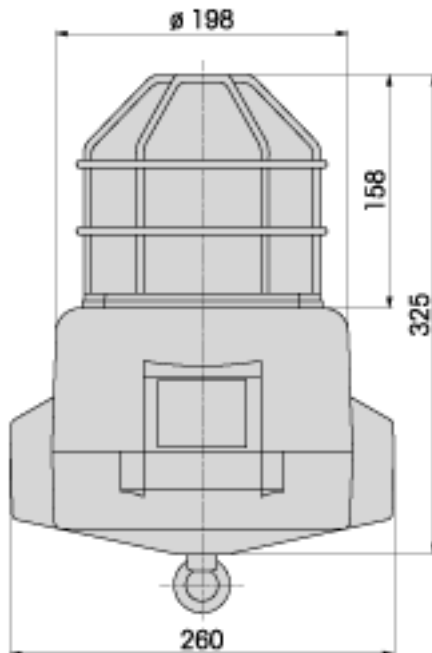


## 780 EEx-Rotating Beacon

Zone 1 and 2

Rotating 3-lens halogen beacon

Exceptionally robust construction



### TECHNICAL SPECIFICATIONS

<b>Dimensions (Diameter x Height):</b>	260 mm x 325 mm
<b>Dome:</b>	Reinforced borosilicate glass
<b>Housing :</b>	Saltwater-proof aluminium core, outer housing high quality polyurethane
<b>Connection:</b>	Cable gland M 20 x 1,5
<b>Duty cycle:</b>	100 %
<b>Bulb:</b>	Halogen lamp 35 W, GY 6,35, 24 V
<b>Explosion protection:</b>	II 2G EEx de II CT PTB 01 ATEX 1054
<b>Wire guard:</b>	Rust-proof steel, epoxy coated
<b>Lens rotation rate :</b>	60 - 80 r.p.m.

### ORDER SPECIFICATIONS

Order-Nr.		Voltage	Current consumption
78010155	red	24 V =	1700 mA
78030155	yellow	24 V =	1700 mA
78010168	red	230 V ~	150 mA
78030168	yellow	230 V ~	150 mA

