

# SEWN series

Electric Horns for Vessels and Heavy Industrial Applications

## Electric horns for vessels and heavy industrial applications featuring excellent sealing, corrosion resistance, and durability

Can select from wall mount type, self stand type, and terminal box type for your various application needs

**SEWN30 - Max 118dB**  
**SEWN50 - Max 120dB**

**Aluminum housing**

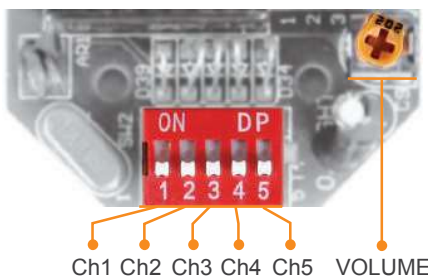


### Common Specifications(SEWN30/ SEWN50)

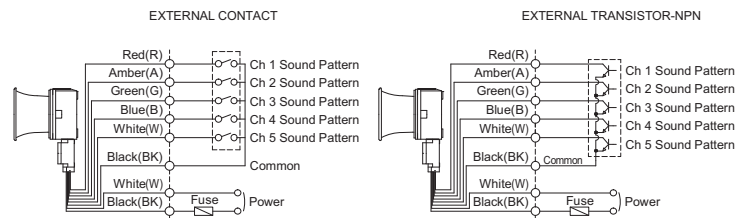
- Electric horn with tightly sealed structure has excellent durability. Suitable for vessels, steel industry, and outdoor plant applications
- Can select between a variety of mounting options (wall mount type, self stand type, and terminal box type)
- Aluminum housing provides excellent durability
- A variety of sound selection between warning sounds, alarm sounds, melodies and voice messages to fit your sophisticated application needs
- Can adjust sound volume with the dial built inside the unit
- Terminals located inside the terminal box or product
- Cable entry : 1/2"PF
- Materials : Housing-Al, Horn housing-PC/ SUS316L
- Standard Housing color : MUNSELL No. 7.5BG 7/2
- Ambient operating temperature : -30°C to +50°C
- Protection rating : IP56, Suitable for outdoor installation
- Certificates : KIMM, ABS, CCS, CE Compliant

### Sound Selection and Wiring Instructions

- Standard type : Select sound using the switch inside the unit. When you turn on the dip switch for each channel the sound is turned on.
- Customized type : Select sound using the external contact(LC)  
You can select the audible sound pattern using external contacts or transistor with a customized external sound line(Model number : -LC)
- Product can be wired regardless of polarity



SEWN30 SERIES-DC/AC  
SEWN50 SERIES-DC/AC



# SEWN30 series

Electric Horns for Vessels  
and Heavy Industries Applications



118dB



SEWN30E



SEWN30L



SEWN30T

- SEWN30E/ SEWN30L model uses flexible connector at cable entry and SEWN30T model use 15C nipple at cable entry.
- Cable gland is customizable



Flexible connector



15C nipple

## SEWN30 series Max 118dB

| Model number                             | Sound pattern               | Volume | Voltage / Current  | Certificates           | Weight                            |
|--|-----------------------------|--------|--|------------------------|-----------------------------------|
| SEWN30E<br>-Wall mount                   | WS 5 Warning sounds         | 118dB  | DC12V / 2.211A<br>DC24V / 1.022A<br>AC110V / 0.226A<br>AC220V / 0.113A | <br><br><br>DC24V only | SEWN30E<br>DC-1.76kg<br>AC-2.11kg |
| SEWN30L<br>-Self stand                   | WP 5 Special warning sounds | 118dB  |  |                        | SEWN30L<br>AC-1.74kg<br>AC-2.13kg |
| SEWN30T<br>-Wall mount with terminal box | WM 5 Melodies               | 118dB  |  |                        | SEWN30T<br>DC-2.23kg<br>AC-2.58kg |
|  | WA 5 Alarms                 | 116dB  |  |                        |                                   |
|  | WV 5 Customizable sounds    | 113dB  |  |                        |                                   |
|  |                             |        |  |                        |                                   |

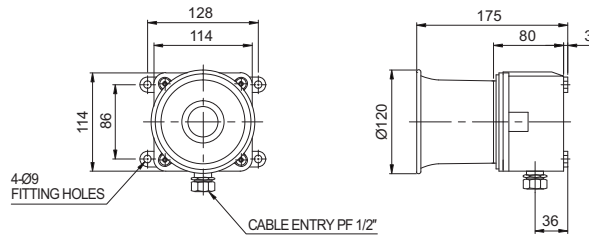
\* Please refer to Page 24 for detailed information about selectable sound patterns.



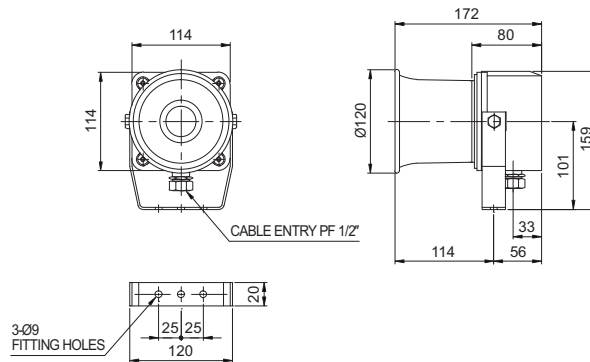
### Technical Diagram

(Units : mm)

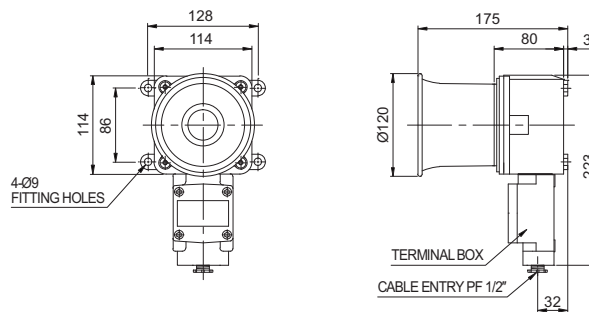
SEWN30E



SEWN30L



SEWN30T



# SEWN50 series

Electric Horns for Vessels  
and Heavy Industries Applications



120dB



SEWN50E



SEWN50L



SEWN50T

- SEWN50E/ SEWN50L model uses flexible connector at cable entry and SEWN50T model uses 15C nipple at cable entry.
- Cable gland is customizable



Flexible connector



15C nipple

## SEWN50 series Max 120dB

| Model number                             | Sound pattern               | Volume | Voltage / Current  | Certificates           | Weight                            |
|--|-----------------------------|--------|--|------------------------|-----------------------------------|
| SEWN50E<br>-Wall mount                   | WS 5 Warning sounds         | 120dB  | DC12V / 2.440A<br>DC24V / 1.186A<br>AC110V / 0.244A<br>AC220V / 0.122A | <br><br><br>DC24V only | SEWN50E<br>DC-4.22kg              |
|  | WP 5 Special warning sounds | 120dB  |  |                        | AC-4.52kg                         |
| SEWN50L<br>-Self stand                   | WM 5 Melodies               | 120dB  |  |                        | SEWN50L<br>AC-4.20kg              |
| SEWN50T<br>-Wall mount with terminal box | WA 5 Alarms                 | 118dB  |  |                        | SEWN50T<br>AC-4.50kg              |
|  | WV 5 Customizable sounds    | 115dB  |  |                        | SEWN50T<br>DC-4.65kg<br>AC-4.95kg |

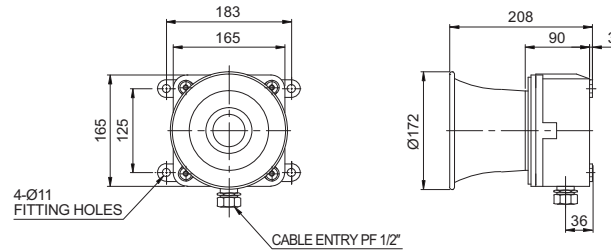
※ Please refer to Page 24 for detailed information about selectable sound patterns.



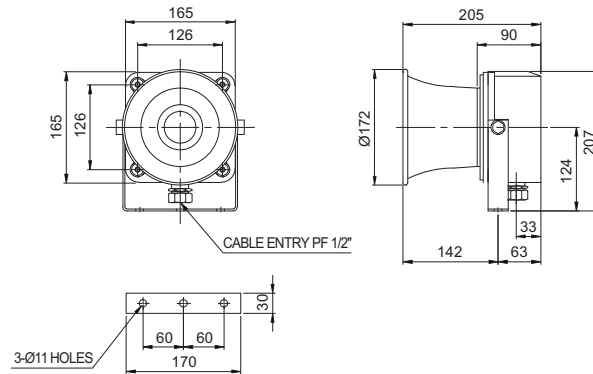
### Technical Diagram

(Units : mm)

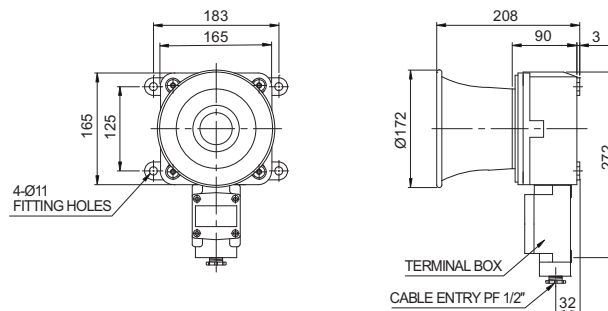
SEWN50E



SEWN50L



SEWN50T



Warning/  
Signal/  
Stackable



Signal &  
Electric Horn/  
Speakers



Vessels and  
Heavy-Duty  
Equipment



Explosion  
Proof



Warning  
Light Bar



Aviation  
Obstruction  
Lights



Signal Tower  
Lights



USB/ETN  
Signal Tower  
Lights



Wireless  
Network  
System



Electric Horn/  
Speakers



Industrial  
LED Lights

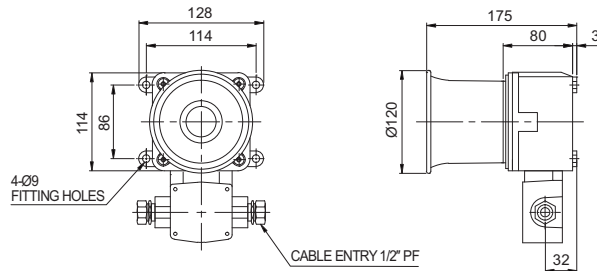


### 2 Cable Entry Terminal Box Type Technical Diagram

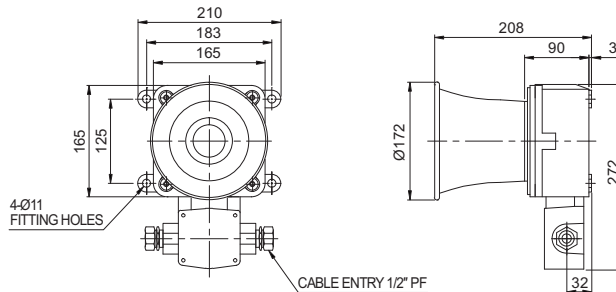
(Units : mm)



SEWN30-2T



SEWN50-2T



### Customization

- Cable gland available
  - 3/4"PF cable entry (Standard : 1/2"PF)
  - 2 cable entries terminal box :  
Customized terminal box available with two cable entries in opposite directions (Model number : SEWN30-2T, SEWN50-2T)
  - Brass housing product :  
Brass housing products provide improved corrosion resistance.
- ※ Color will be MUNSELL No. 7.5BG 7/2 when released.
- External threading of sound line (Model number : -LC)



Brass housing product



### Ordering Specification

| SEWN30T  | WS  | 220  | LC  |
|--|---|--|---|
| [Model number]   | [Sound]   | [Voltage]  | [Sound selection]   |
| <ul style="list-style-type: none"> <li>• SEWN30E</li> <li>• SEWN30L</li> <li>• SEWN30T</li> <li>• SEWN50E</li> <li>• SEWN50L</li> <li>• SEWN50T</li> </ul> | <ul style="list-style-type: none"> <li>• WS-Warning</li> <li>• WP-Special warning sounds</li> <li>• WM-Melody</li> <li>• WA-Alarm</li> <li>• WV-Customizable sound</li> </ul> | <ul style="list-style-type: none"> <li>• 12-DC12V</li> <li>• 24-DC24V</li> <li>• 110-AC110V</li> <li>• 220-AC220V</li> </ul> | <ul style="list-style-type: none"> <li>• Standard</li> <li>-Built-in switch</li> <li>• LC</li> <li>-External contact</li> </ul> |