

2131000166

## DSP-15EExmNT-MED

Ex horn speaker, EEx dem IIB + H2, T4, 25W, 2x blind plugs



- ✓ 25W
- ✓ 2x M20 blind plugs
- ✓ Tappings: 1.5W - 2.5W - 5W - 6.5W - 15W - 25W
- ✓ Ex db eb mb IIB+H2 T4 Gb
- ✓ Ex tb IIIC T105°C Db
- ✓ MED Approved



MED Certification



IP66



IP67



IEC Ex Intercom



Atex

## Description

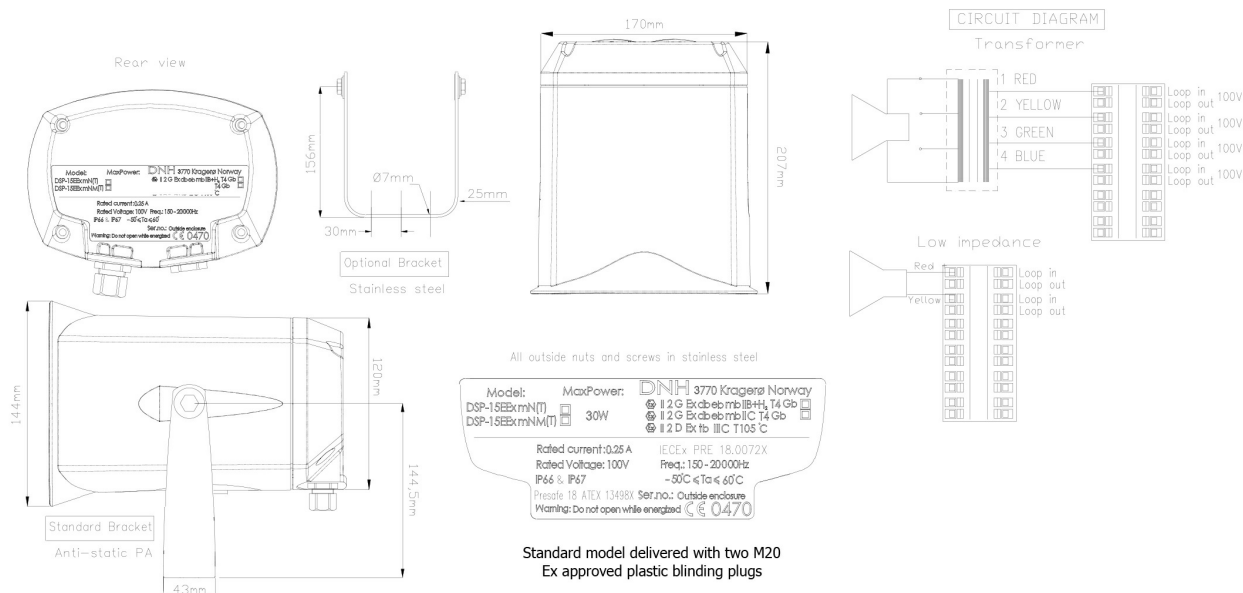
- ✓ With 100V line transformer
- ✓ With internal thermal fuse
- ✓ Rated/max. power: 25W
- ✓ Tappings: 1.5W - 2.5W - 5W - 6.5W - 15W - 25W
- ✓ Material: Antistatic PA / Black
- ✓ Bracket and all outside nuts and screws in stainless steel

### Installation, Operation and Maintenance Procedures

- ✓ Remove the lid by four screws, lead the cable through the cable gland, and connect to the terminal with the required tapping.
- ✓ Every time the back lid is removed, check that the gasket is fitted correctly to the lid before you refit the back lid. Do not use any lubricants on the gasket.
- ✓ Screw the lid back into place with four screws with a torque of 0,95-1,2 Nm to ensure the IP rating.
- ✓ To change the position of the loudspeaker, please adjust the standard U-bracket (by loosening/tightening the screws) as required.

- ✓ Use only IECEx/ATEX certified “Ex eb” cable glands and blanking plugs reflecting the same IP rating and temperature range as the loudspeaker.
- ✓ Standard model delivered with two M20 Ex-approved plastic blanking plugs.
- ✓ According to customer requirements, DSP-15EExmN(T) can be supplied with three different bracket systems.
- ✓ For optimum performance, always use the correct voltage/power and operate within the frequency limits as stated.
- ✓ Do not open the loudspeaker when energized.

## Technical Dimensions



# Specifications

## GENERAL

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| Material / Color                  | Anti-static PA / Black                                   |
| Mounting                          | Bracket                                                  |
| Termination                       | e-chamber, push terminals                                |
| Weight w/ transformer             | 2,2 kg                                                   |
| IP-rating                         | IP-66/67                                                 |
| Max / min amb temp.               | 60°C / -50°C                                             |
| Rated / max. power                | 25 W / 30 W                                              |
| SPL 1W/1m                         | 106 dB                                                   |
| SPL rated power                   | 118 dB                                                   |
| Effective freq range              | 380-8000 Hz                                              |
| Dispersion (-6dB) 1kHz / 4kHz     | 120° / 37°                                               |
| Directivity factor, Q (1kHz/4kHz) | 4,5 / 9,6                                                |
| Fuse                              | Thermal fuse- 84°C, 2x<br>Short-circuit protection fuses |
| Environmental Condition           | Exposed                                                  |

## Accessories



### DSP-EX-CG

Ex horn speaker cable gland,  
M20, 11-14mm