

## EXPLOSION PROOF OUTDOOR LOUDSPEAKERS



**Model HP20 EExIIN-8 (T)**

### Specifications.

Construction	: Antl-static Polyamide.
Mounting	: Stainless steel bracket. M20 cable entry
Power rating	: 20Watt RMS
SPL (1Watt/1mtr)	: 110dB. (122 dB at full power)
Impedance	: 8 Ohm or 50V/100V. (6 power taps)
Dispersion 1KHz	: 115 degree
Frequency range	: 310Hz - 8000Hz
Colour	: Black
Temperature range	: Minus 50C <sup>o</sup> to +50C <sup>o</sup>
Protection	: IP67
Approvals	: Suitable for Zone II only. ATEX EX II 3 GD Zone 22
Dimensions (ØxL)	: 237x286mm
Shipping weight	: 2,3Kg



**Model DSP-15 EExeN-8(T)**

### Specifications.

Construction	: Anti-static Polyamide RAL7031.
Mounting	: Stainless steel bracket. M20 EEx cable entry
Power rating	: 25Watt RMS
SPL (1Watt/1mtr)	: For IIB speaker 105dB. (117 dB at 25Watt) : For IIC speaker 102dB. (114 dB at 25Watt)
Impedance	: 8 Ohm or 50V/100V. (4 power taps)
Dispersion 1KHz	: 140° (IIB version)                      105° (IIC version)
Frequency range	: 410Hz - 7000Hz (IIB)                      500Hz - 6000Hz (IIC)
Colour	: Black
Temperature range	: Minus 50C <sup>o</sup> to +50C <sup>o</sup>
Protection	: IP67
Approvals	: Suitable for Zone 1 & 2 ATEX EEx de IIB+H2 T5 Available as well in gas group IIC
Dimensions (WxHxD)	: 207x144x207mm (excl.bracket)
Shipping weight	: 2,2Kg

The models HP20 EExIIN-8(T) and DSP-15 EExeN8(T) are explosion proof loudspeakers suitable for Public address systems and alarm evacuation systems in chemical industry and all other applications where hazardous areas are presented.

The HP20 EExIIN-8(T) may be used where hazardous areas are classified as Zone 2. The model DSP-15 EExeN-8(T) may be used either in Zone 1 as well in Zone 2 and is suitable for use in gas groups IIB+H2 and exist as well for gas groups IIC.

Both speakers are totally non corrosive constructed.