

EX LOUDSPEAKERS 117/113 dB(A) BExL 25 d/e / BExL 15 d/e



- EEx d IIC T4 / EEx de IIC T4
- KEMA certified
- ATEX approval, optionally IEC and GOST approvals
- housing made of die-cast aluminium LM6, horn made of ABS
- categories 2G and 3G (Zones 1 and 2)
- also available as category 2D/3D for dust zones 21 and 22
- chromated polyester powder coating, resistant to moisture and salt spray, good resistance to most acids, alkalis and oils

BExL 15 **BExL 25**

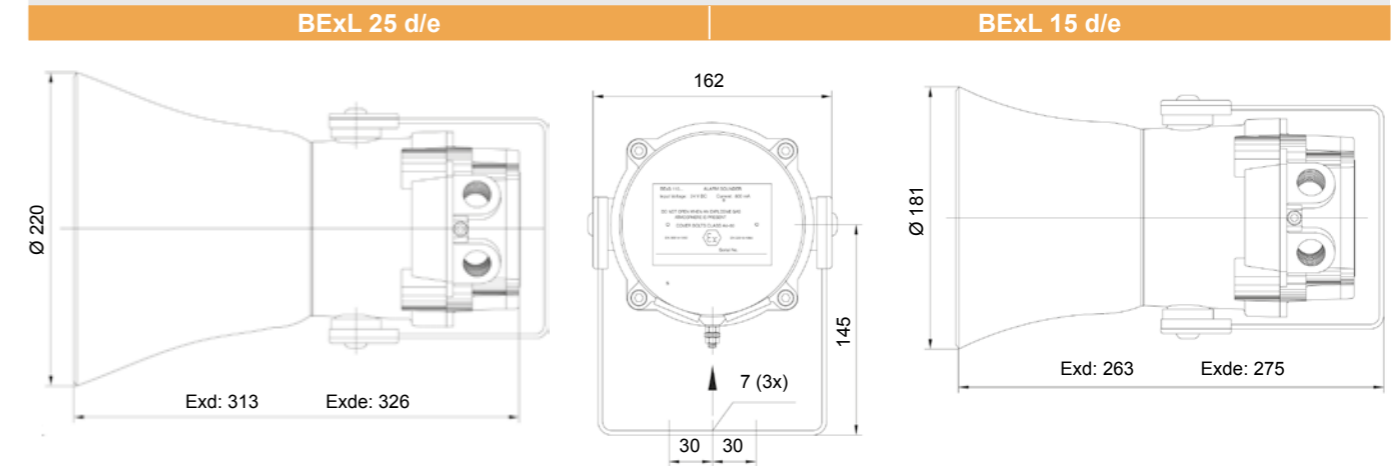
max. covering distance max. covering distance

IP 66 **IP 67** Protection system

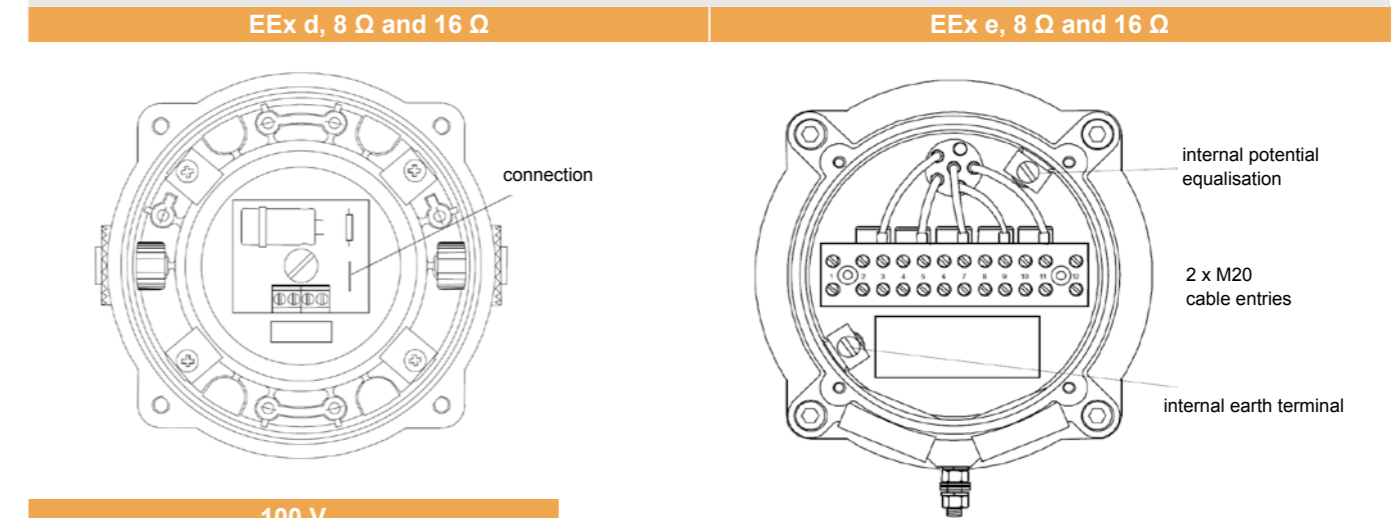
+ 70 °C **- 50 °C** Operating temperature

Mechanical data	BExL 25 d/e	BExL 15 d/e
Protection system	"d" = IP 67; or "e" = IP 66	
Explosion protection	II 2G Ex d IIC T4 / II 2G EEx de IIC T4 II 2G Ex d IIB T4 / II 2G EEx de IIB T4	
Category (area of use)	2G (Zone 1) 3G (Zone 2)	
Certificate of conformity	KEMA 99 ATEX 7906	
Testing body	KEMA	
Sound pressure level	117 dB (A) ± 3 dB (A) @ 25 W	113 dB (A) ± 3 dB (A) @ 15 W
Rated power	25 W	15 W
Transformer	100 V power – 25 W / 12.5 W / 6 W / 2 W taps (Z = 400 Ω / 800 Ω / 1.67 kΩ / 5 kΩ)	100 V power – 15 W / 7.5 W / 3 W / 1 W taps (Z = 666.87 Ω / 1.34 kΩ / 3.34 kΩ / 10 kΩ)
Impedance	8 Ω or 16 Ω	
Dispersion	130° @ 1 kHz / 32° @ 4 kHz	120° @ 1 kHz / 32° @ 4 kHz
Frequency range	300 Hz – 8,000 Hz	400 Hz – 8,000 Hz
Temperature class T	IIC T4 @ - 50 °C ... + 55 °C Ta IIB T4 @ - 50 °C ... + 70 °C Ta	
Storage temperature	- 50 °C ... + 70 °C	
Relative humidity	90%	
Duty cycle	100%	
Material	housing: die-cast aluminium LM6, similar to RAL 3000 (flame red) horn: ABS self-extinguishing, similar UL 94 VO & 5VA FR ABS, Ex II 2GD anti-static ABS, black	
Connecting terminals	1 x 4 mm ² or 2 x 2.5 mm ²	
Cable entry	2 / 1 x closed, 1 x open (M20), optionally PG13.5 or 1/2" NPT	
Weight	transformer: "d": 3.95 kg / "e": 4.21 kg impedance: "d": 3.56 kg / "e": 3.82 kg	"d": 3.45 kg / "e": 3.10 kg "d": 3.71 kg / "e": 3.36 kg

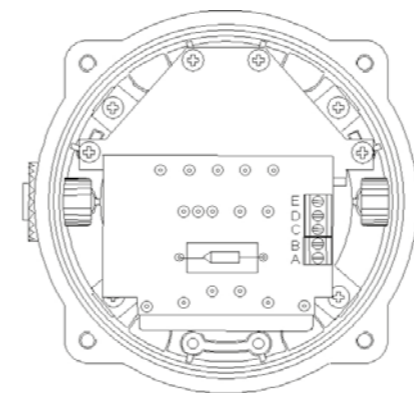
Dimensions



Connection diagram



100 V



Connections	BExL 25 d (25 W)	BExL 15 d (15 W)
A-B	25 W	15 W
A-C	12.5 W	7.5 W
A-D	6 W	3 W
A-E	2 W	1 W

Ordering details

Article numbers	BExL 25 d	BExL 25 e	BExL 15 d	BExL 15 e
8 Ω	320 93 00 0 910	320 95 00 0 910	320 97 00 0 910	320 99 00 0 910
16 Ω	320 93 00 0 911	320 95 00 0 911	320 97 00 0 911	320 99 00 0 911
100 V transformer	320 93 00 0 912	320 95 00 0 912	320 97 00 0 912	320 99 00 0 912

Options / Accessories

