

GNExL1F PA Loudspeaker 15W

The flameproof GNExL1F PA loudspeaker is IECEx and ATEX approved, suitable for Zone 1 & Zone 2 applications. Rated power: 15W, available in 70V/100V line transformer and 8 & 16 Ohm low impedance versions.

The GNEx range features enclosures manufactured from GRP (glass reinforced polyester), moulded in natural red, but also available in other colours.

The re-entrant flare horn is high impact, fire retardant ABS. All models contain dual cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.

Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- IN & OUT terminals

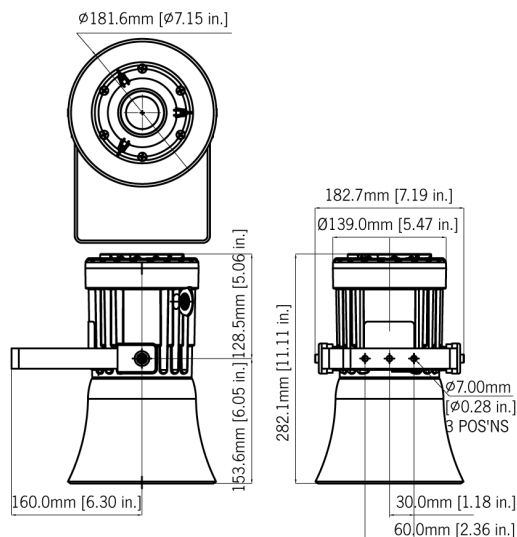
Approvals

- ATEX certificate: SIRA 13ATEX1139X
- IECEx certificate: IECEx SIR 13.0029X
- Ex EAC TR CU 012/2011 certified: KZ.1510019.22.01.00271
- INMETRO IEx 20.0050X

Coding

- II 2G Ex db IIC T4 Ta. -60° to +50°C
- II 2G Ex db IIC T3 Ta. -60° to +70°C
- II 2G Ex db IIB T6 Ta. -60° to +50°C
- II 2G Ex db IIB T5 Ta. -60° to +65°C
- II 2G Ex db IIB T4 Ta. -60° to +70°C





Specification

SPL:	102dB +/-3dB @ 1w @ 1m (Pink) 113dB +/-3dB @ 15w @ 1m (Rated)
Rated power:	15 Watts RMS
70v line tapings:	15w / 7.5w / 3w / 1w
100v line tapings:	15w / 7.5w / 3w / 1w
Low impedance:	8 Ohm or 16 Ohm
Dispersion:	120° @ 1kHz & 32° @ 4kHz
Frequency range:	400Hz to 8000 Hz
DC Line monitoring:	2.2µF Capacitor (Transformer) 470µF Capacitor (Low impedance)
Ingress protection:	IP66/67
Housing material:	GRP
Colour:	RAL3000 Red (others available on request)
BExL 15 flare:	High impact UL94 V0 & 5VA FR ABS (Red)
Cable entries:	Dual M20 ISO
Terminals:	0.5 to 4.0mm ² cables.
Relative humidity:	95% – Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
MTBF V100/V070:	630.69 years / 5,524,861 hours – MIL 217
MTBF R008/R016:	830.22 years / 7,272,727 hours – MIL 217
Weight:	70/100V line: 3.8kg/8.36lbs Low imp.: 3.45kg/7.59lbs

Part Codes

Version:	Part code:	Description:
Product type:	GNExL1	15W Loudspeaker
Horn type:	F	Flare re-entrant horn
Type:	V100 R008 R016	100V/70V Line Transformer 8 Ohm Low impedance 16 Ohm Low impedance
Cable entries:[e]	A B C D E F G	2 x M20x1.5mm 2 x 1/2" NPT – adaptors 2 x 3/4" NPT – adaptors 2 x M25x1.5mm – adaptors 1 x 1/2" NPT – adaptor 1 x 3/4" NPT – adaptor 1 x M25x1.5mm – adaptor
Stopping plug/adaptor material: [m]	B N S	Brass Nickel Plated Stainless Steel
Bracket material: [s]	1 3	A4 316 Stainless Steel A4 316 St/St with Equip. Tag
Product version: [v]	A	IECEX, ATEX, INMETRO, Ex EAC
Product options: [o]	1	Standard product
Enclosure colour: [x]	R S	Red Special colour – contact sales
Accessories:	SP65-0001-A4 SP65-0003-A4	Pole Mount Bracket Kit St/St A4 (316) Sunshade – St/St A4 (316)