

Signalling Devices

Audible signalling device Sounder
In flameproof enclosure Increased safety
8491/15-024 Art. No. 145275



- Horn: Directional/max. 105 dB(A)
- Type of protection: Ex e
- Class: IP55/65 (IEC 60529)
- Robust PC/ABS enclosure
- Stainless steel mountings and console sealing element included
- Signal horn series 8491/1: With trumpet and connection line
- Signal horn series 8491/2: Compact design with Ex e connection chamber

WebCode 8491A



Product series 8491 are audio signalling devices that provide alerts, warnings or signals in hazardous areas, made from a robust PC/ABS blend. Mounting takes place using angle mounting. **The versions of the 8491/1 series** have been developed for use in gas hazardous areas. They feature a trumpet for optimum sound bundling and a connection line. **The compact signal horns in the 8491/2 series** have a connection chamber and can be used both indoors and outdoors in gas and dust hazardous areas.

Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEX
Application range (zones)	1 2
ATEX gas certificate	BVS 03 ATEX E 159 X
ATEX gas explosion protection	⊕ II 2 G Ex mb IIC T5 Gb
EAC certificate	EAEU RU C-DE.HA91.B.00051/19
EAC gas explosion protection	⊕ 1 Ex mb IIC T5 Gb X
Certificates	ATEX (BVS), EAC (ENDCE)

Electrical Data

Rated operational voltage DC	24 V
Back-up fuse	8560/51-4143

Acoustic Data

Sound pressure level	max. 105 dB(A) @ 1 m
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Ambient Conditions

Ambient temperature	-40 °C ... +50 °C
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Mechanical Data

Degree of protection IP (IEC 60529)	IP55
Enclosure material	PC/ABS
Trumpet material	PC/ABS
Conductor length	3 m
Width	152 mm
Height	356 mm
Length	148 mm
Enclosure colour	Black

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Weight	1.45 kg
Weight	3.2 lb

Mounting / Installation

Connection type	LAPPTHERM 145, 2 x 0.75 mm ²
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Components

Safety nominal value	500 mA
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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.