



Ex i combined detectors for intrinsically safe circuits

With increasing automation, warning devices for abnormal or dangerous operating conditions are always required. To achieve attention about some distance, a simultaneous visual and acoustic warning is the best choice. The audible alarm can be acknowledged and turns off after the pre-set time.

If the audible alarm is still on, it has to be acknowledged again. The visual alarm remains as long as the alarm conditions persists. The flash frequency goes back to 1 Hz when the audible alarm sounds.

Complete, ready device for quick and easy installation. It is to be laid only one line. The supplied mute button should be mounted next to the device to turn off the sound generator.

This combination alarm can be connected directly to each SPS output over a safety barrier.

Technical specifications

Explosion protection:

Ex [ia] IIC T4 Ga

Certificate Flash:

ITS 02 Atex 2006

Certificate Sounder:

Sira 06 Atex 2032X

Electrical specification:

min. 16 VDC about a safety barrier
28V 93mA, rated current 40mA.

Attention: Without a safety barrier you will destroy the combined detector.

Connection type:

Terminals in indicator

Protection:

IP66

Color Flashlight:

white, yellow, red, green, blue

Flash energy:

0.5 joule

Loudness sounder:

Max 101dB(A) in 1 meter distance
49 different tones

Dimensions:

400 x 161 x 137 (H x W x D)

Ambient temperature:

-40° C to +60° C

