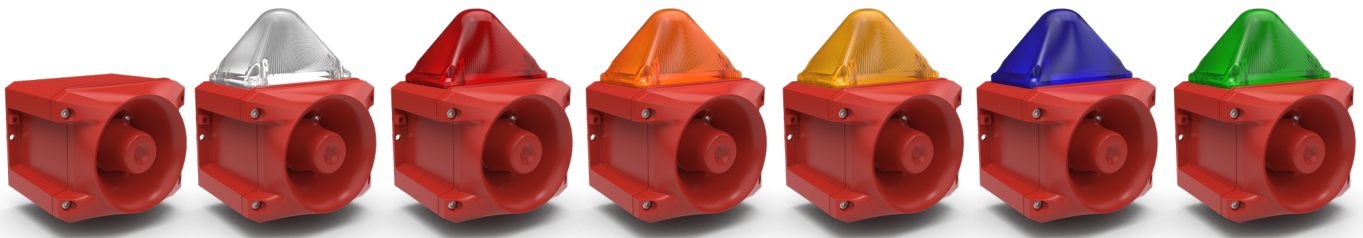


PROTECT SERIES

Innovation meets robustness



The **Protect series** marks a significant advancement in signaling technology. Standing for Pfannenberg **Range of Toughness & Excellent Coverage Technology**, Protect represents a **new standard of robustness**, thanks to its **practically unbreakable die-cast aluminium housing**.

Designed to **withstand the toughest industrial and outdoor conditions**, the devices are tailored to meet the diverse needs to a wide range of industries and applications, including fire alarm, marine, machine safety, functional safety, Ex/ATEX, and functional safety in explosive areas.

The Protect series includes a single sounder as well as a sounder/light combination with six different lens colours. The combined devices are optionally available with Xenon or LED* light. Versatile and adaptable, the devices are **certified according to different industrial standards** to fit individual needs.

The advantages of all devices at a glance:

- ✓ **Excellent robustness** – Cast aluminium housing guarantees long lasting use in tough applications
- ✓ **Selectable tone** – 80 different tones, 3 additional tones externally selectable
- ✓ **Pre- & main alarm** – Preventing shock reactions by pre-alarming due to reduced sound pressure level
- ✓ **Safe & easy handling** – Designed with unlosable seal and screws to significantly shorten wiring and installation times
- ✓ **Outstanding perceptibility** – Ideal radiation characteristics and high penetration of acoustical obstacles reduce the required number of devices
- ✓ **Reduceable sound pressure level** – Reduction of sound pressure level up to 30 dB, internally or externally selectable
- ✓ **Two-sense alarming** – Barrier-free and safe signaling due to 2 technologies (combined devices - audible/visual)
- ✓ **Multi-voltage-power supply** – Made to connect with different voltages, no need to stock various units
- ✓ **High safety standard** – Fulfills the ISO 7731 requirements

Protect Series

Most common industries

Fire alarm

PRO 10 (EN 54-3)*

The PRO 10 sounder is available as an EN 54-3 certified version and is therefore ideal for the use in industrial fire alarm.

Marine

PRO 10 (MED/MER)* | PRO L 10 (MED/MER)*

The PRO 10 sounder as well as the PRO L 10 sounder/light combination are available as MED/MER certified versions and can therefore be used in the marine industry.

Machine safety

PRO 10 | PRO X 10 | PRO L 10*

The PRO 10 sounder and the PRO X 10 / PRO L 10* sounder/light combination are excellent for use in the field of machine safety. The combined device is optionally available with Xenon or LED* light.

Functional safety

PRO 10 SIL

The PRO 10 SIL sounder is certified for SIL 2/PL d and is used in applications where safety is crucial. The device fulfills functional safety requirements by integrated safety design and diagnosis channel.

Ex/ATEX

PRO 10 3G/3D | PRO L 10 3G/3D*

The sounder PRO 10 3G/3D as well as the sounder/light combination PRO L 10 3G/3D* are explosion proof. They are made for use in potentially explosive areas in zone 2 (3G) and zone 22 (3D).

Functional safety in Ex-areas

PRO 10 3G/3D SIL

The PRO 10 3G/3D SIL sounder is not only certified for SIL 2/PL d and fulfilling functional safety requirements by integrated safety design and diagnosis channel, but also explosion proof and suitable for use in potentially explosive areas in zone 2 (3G) and zone 22 (3D).

* Available by end of 2024

You want to learn more? Visit [pfannenberg.com](https://www.pfannenberg.com) or [click here](#) to send us your request.