Signaling Solutions
for Machinery & Automation



Protecting People, Machines and the Environment

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Your Partner for Reliable Signaling Solutions

Who is Pfannenberg?

Protecting People, Machines and the Environment

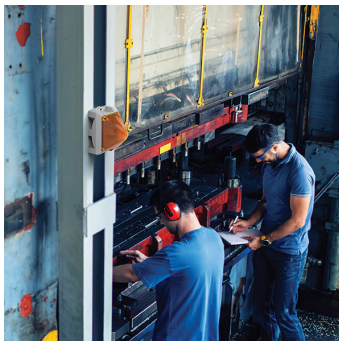
Pfannenberg is a leading global expert in signaling solutions. Our audible, visual, and combined signaling devices ensure maximum safety, clear communication, and reliable alarms in industrial environments worldwide.



What is 3D-Coverage?

Signaling performance visualized

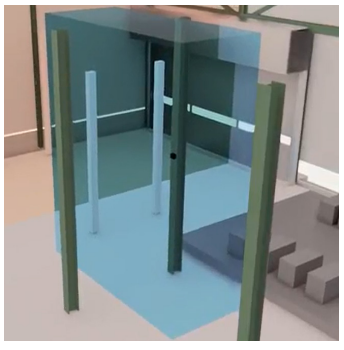
3D-Coverage is Pfannenberg's performance-based planning method. It visualizes real audible and visual coverage in a three-dimensional space, for proven compliance, enhanced safety, and optimized device placement.



Purpose of Signaling Devices

Clear signaling saves lives and ensures safe operations

Industrial signaling devices are essential for communicating hazards, machine conditions and process statuses in demanding environments. Clear visual and audible alarms support rapid response, help prevent accidents, protect lives and improve operational safety and awareness. Designed for industrial applications, Pfannenberg signaling devices combine robust performance, simplified installation, and reliable longterm operation.



Digital Data

From product data to smart and compliant design

Pfannenberg provides digital product data and Digital Twin models—including BIM/Revit libraries, Multi-CAD models and, where available, ECAD data for systems such as EPLAN and Zuken. This enables fast, simple and standards-oriented design workflows, supports early validation of product placement, wiring and performance, and helps reduce planning errors before installation.

10-Year Warranty

Reliability you can trust

Pfannenberg offers a 10-year warranty on selected audible, visual, and combined signaling devices - worldwide.

Reliable Signaling for Machinery & Automation

Clear machine status and safety-related warning

Pfannenberg signaling devices provide clear status indication and reliable warning for machines and automated production systems. The portfolio includes configurable IO-Link devices as well as safety-related sounders and flashing lights for efficient machine operation. Selected devices support compliance with ISO 7731 and functional safety applications up to SIL 2 and PL d.

Machine & Process Status



Functional Safety



Machinery Safety



IO-Link Status Indication



LED & Xenon Technologies

Flexible LED or high-perceptibility Xenon, the right technology for every application

Pfannenberg offers both LED and Xenon signaling solutions, each with specific advantages depending on the application and required level of attention.

LED

- Energy-efficient and low power consumption
- Long service life, maintenance free
- Flexible light patterns and high reliability

Xenon

- High peak light intensity and extensive coverage
- Excellent for any environmental situation
- Ideal for high-urgency signaling

Our Signaling Solutions at a Glance

The Pfannenberg portfolio offers a broad selection of signaling devices for machinery and automation applications. Different designs, sizes, signaling modes, mounting options, communication interfaces, and internationally approved variants enable application-specific product selection for a wide range of machine concepts & installation conditions.



ROBUST AUDIBLE SIGNALING FOR MACHINERY AND AUTOMATION

PROTECT Series

Up to 116 dB(A), SIL 2/PL d option

PRO 10, PRO 10-SIL



FLEXIBLE STATUS INDICATION FOR MACHINERY AND AUTOMATION

INTENSE Series

also available with IO-Link

BR 50 Signal Tower, DOME, BAR



VERSATILE VISUAL SIGNALING FOR MACHINE AND PROCESS STATUS

PYRA Series

LED and Xenon options

PY X-S, PY L-S, PY L-S-TL, PY L-M

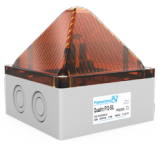


COMPACT SIGNALING FOR MACHINE STATUS AND WARNING

PATROL Series

Audible and combined options

PA 1, PA L 1-R, PA L 1-R IO-Link



SAFETY-RELATED VISUAL SIGNALING FOR MACHINERY

QUADRO Series

10 J, SIL 2/PL d

QUADRO F12-SIL



HIGH-PERFORMANCE VISUAL SIGNALING WITH SIL/PL OPTION

PMF Series

SIL 2/PL d option

PMF LED-HI, PMF LED-HI-SIL, PMF 2015-SIL

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ver. BU2_018_10.26