Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Signal Devices

PROTECT PRO L 10 / PRO X 10 Series Audible/Visual Alarms

Overview

The PRO L 10 and PRO X 10 Series combine the PROTECT platform's 116 dB(A) audible alarm with a bright visual signal. The provide both sound and light for maximum perceptibility in loud or high-glare environments. All versions share the same rugged aluminum sounder housing, 80 selectable tones, adjustable sound levels, and pre- and main-alarm capability as the PRO 10 Series.

Choose PRO L 10 for a configurable LED beacon with continuous, blinking, or flashing modes and a choice of single-color or multicolor (RGB) lenses. They are available in both standard industrial and hazardous-location (PRO L 10-3G/3D) versions. Choose PRO X 10 for a high-intensity Xenon strobe when a traditional, highly visible flash is preferred over an LED signal.

Quick Comparison

Version	*Visual Type*	*Hazardous Location*	*Best For*
PRO L 10	LED	—	Industrial applications needing audible and visual status/alarm
PRO L 10-3G/3D	LED	✓	Hazardous applications needing audible and visual warning
PRO X 10	Xenon Strobe	—	Loud plants, process areas, high-impact visibility

PRO L 10 Series

LED Audible/Visual Alarm



23151648000

Combines 116 dB audible signaling with a versatile LED beacon that can provide continuous, blinking or flashing visual indication.

Works well for...

- Industrial applications needing clear audible + visual status/alarm indication

PRO L 10-3G/3D Series

Hazardous-Location LED Audible/Visual Alarm



23151633007

Combines a powerful audible alarm with a bright, configurable LED signal for hazardous areas. Available in multiple lens colors and RGB versions.

Works well for...

- Hazardous applications needing both audible and visual warning

PRO X 10 Series

Audible Alarm with Xenon Strobe



23152157000

Combines the PRO 10 high-output audible alarm with a bright Xenon strobe for applications where both sound and a highly visible flashing signal are needed.

Works well for...

- Loud plants, process areas, outdoor installations

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Signal Devices

PROTECT PRO L 10 / PRO X 10 Series Audible/Visual Alarms

PROTECT PRO L 10 / PRO X 10 Series Audible/Visual Alarms Selection													
Part Number	***Price***	***Alarm Housing Color***	***Lens Color***	***Light Source***	***Signal Color***	***Voltage Operating Range***	***Nominal Current Consumption[1]***	***Approvals / Certifications***	***Tone Type***	***Tone Frequency***	***Loudness Decibels***	***Weight***	***Drawing Link***
PRO L 10													
23151648000	$1,424.00	Red	White	LED	Red/ yellow/ green/ blue	95–265 VAC	205–215 mA	UL/cUL, CE, VdS	(80) selectable	150 Hz 2.9 kHz	116 dB at 1m	2800g [6.17 lb]	PDF
PRO L 10-3G/3D													
23151633007	$1,424.00	Red	Yellow	LED	Yellow	10–60 VDC	475–520 mA	UL/cUL (Hazardous Loc.), ATEX, IECEx	(80) selectable	150 Hz 2.9 kHz	116 dB at 1m	2800g [6.17 lb]	PDF
23151634007	$1,424.00		Amber		Amber								PDF
23151635007	$1,424.00		Red		Red								PDF
23151637007	$1,424.00		Blue		Blue								PDF
23151638007	$1,424.00		White		Red/ yellow/ green/ blue								PDF
23151643007	$1,424.00		Yellow		Yellow	95–265 VAC	205–215 mA						PDF
23151644007	$1,424.00		Amber		Amber								PDF
23151645007	$1,424.00		Red		Red								PDF
23151647007	$1,424.00		Blue		Blue								PDF
PRO X 10													
23152153000	$688.00	Red	Yellow	Xenon tube	Yellow	11–60 VDC	275–285 mA	UL/cUL, CE, VdS	(80) selectable	150 Hz 2.9 kHz	116 dB at 1m	2800g [6.17 lb]	PDF
23152154000	$688.00		Amber		Amber								PDF
23152155000	$688.00		Red		Red								PDF
23152157000	$688.00		Blue		Blue								PDF
23152633000	$688.00		Yellow		Yellow	11–60 VDC	635–680 mA						PDF
23152634000	$688.00		Amber		Amber								PDF
23152635000	$688.00		Red		Red								PDF
23152637000	$688.00		Blue		Blue								PDF

[1] **Power consumption dependent on operating voltage.**

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Signal Devices

PROTECT PRO L 10 / PRO X 10 Series Audible/Visual Alarms

PROTECT PRO L 10 / PRO X 10 Series Audible/Visual Alarms Specifications			
	PRO L 10	***PRO L 10-3G/3D***	***PRO X 10***
Sound Level Reduction	-4 / -10 / -16 / -22 / -26 / -30 dB, internally or externally selectable	-4 / -10 / -16 / -22 / -26 / -30 dB, internally or externally selectable (Max. volume rated T3 only)	-4 / -10 / -16 / -22 / -26 / -30 dB, internally or externally selectable
Alarm Tones	80 selectable / 3 additional tones externally selectable		
Sound Time-Out	60s / 15 min / 45 min / none		
Operating Temperature	-40 to +55 °C [-40 to +131 °F]		
Storage Temperature	-40 to +70 °C [-40 to +158 °F]		
Relative Humidity	90% max.		
Degree Of Protection	IP66 / IP67, UL Type 4/4X	IP66, UL Type 4/4X (Ex certification covers IP66; IP67 not part of Ex rating)	IP66 / IP67, UL Type 4/4X
Impact Rating	IK09 (Housing) / IK08 (Lens)		
Protection Class	I (must be earth grounded)		
Overvoltage Category	II		
Duty Cycle	100%		
Housing Material	Aluminum		
Lens Material	Polycarbonate (PC)		
Installation Attitude	Any (sound funnel must not face upward)	Any (sound funnel must not face upward); dust deposits must be removed regularly	Any (sound funnel must not face upward)
Cable Entry	2x M20 x 1.5		
Cable Gland Sealing Range	6–13mm (cable gland included)	Customer supplied based on install. M20x1.5 thread	6–13mm (cable gland included)
Wire Size	0.14–2.5 mm² fine stranded (24–14 AWG) / 4 mm² solid (12 AWG)		
Light Source	LED (single-color or multicolor/RGB)		Xenon tube
Light Intensity	23 cd (clear lens; reduced with colored lens)		56 cd (DIN 5037, clear lens)
Max. Viewing Distance	111m [364ft]		173m [568ft]
Light Types / Modes	Flashing (0.1/0.5/0.75/1 Hz, incl. double-flash), Blinking (1 or 2 Hz), Continuous. Single-color LED also supports Double-Flash Mode (DFM3) in place of the 0.75 Hz setting.		Flashing only — 0.1 / 0.5 / 0.75 / 1 Hz (5J flash energy)
Service Life Of Light Source	≥50,000h		Light emission ≥70% after 8,000,000 flashes
Synchronicity	EN 54-23 compliant — units must share the same electrical potential for synchronized operation		
Agency Approvals	UL/cUL File S7256 (Audible & Visual Signal Appliance, Non-Fire-Alarm); CE Marked	UL/cUL File E542096 (Cat. UXVF/UXVU — Hazardous Locations); ATEX PDG 24.0010 X (Zone 2 Gas/Zone 22 Dust); NEC/CEC Zone: Class I Zone 2 AEx ec IIC T4...T3 Gc, Zone 22 AEx tc IIIB T135°C Dc; Equivalent: Class I Div.2 Gr. A, B, C, D; Class II Div.2 Gr. F, G; Class III Div.2	UL/cUL File S7256 (Audible & Visual Signal Appliance, Non-Fire-Alarm); CE Marked
Hazardous-Location Specific Specifications			
Type Of Protection (Ex)	—	Ex ec / Ex tc	—
Temperature Class (Gas / Dust)	—	T4...T3 (Gas) / T135°C (Dust) — T4 requires sound level ≤ -4 dB; Max. volume rated T3 only	—
Equipotential Bonding Connection	—	Yes — min. 4 mm² cross-section, 2.5 N·m tightening torque	—
Cable Gland Included	Yes (1x, standard)	Customer supplied based on install. M20x1.5 thread	Yes (1x, standard)