PRODUCT OVERVIEW

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Louder &
Brighter
since 1910.

Auer Signal

Louder &
Brighter
since 1910.

Since 1910, our driving force has been our desire to use exceptional engineering ingenuity to develop superior technical equipment that is a step ahead of the rest. This desire is now stronger than ever.

Although we are a medium-sized company, we have huge ambitions. As an owner-run family company, trust and compassion are at the heart of all we do.

Here at Auer Signal, we are passionate about upholding the image we have created for ourselves, working to the motto 'louder & brighter since 1910'.

A new corporate design for Auer Signal

We thought it was about time to give our corporate design and branding a bit of a revamp. The inspiration for our new logo was taken from the side view of a ventilator that my grandfather developed back in the 1960s – the new is very much born from the old.

Auer Signal proud to present new website

As well as redesigning this product catalogue, we have also given our website – www.auersignal.com – a fresh new look. Alongside the search function, there is now also a configurator tool for our signal tower series. Additional intelligent filters help you quickly find the exact product you need to suit your application or to ensure compliance with specifications. The wish list feature allows you to send article numbers, selected products and all of the available technical documents by email. You can also save them or print them all out together if you prefer.

Auer Signal is one of the world's leading manufacturers of signalling equipment.

We are incredibly proud to be able to say this. We are constantly working to develop new products and have been keeping our customers happy with our innovation, foresight and trustworthiness since 1910. To make sure this does not change going forwards, both we and our signalling devices will continue to be: louder & brighter.

Christian Auer

Seven compelling reasons
to choose Auer Signal

1

WE DEVELOP OUR OWN PRODUCTS AND PRODUCTION IS COMPLETED TO THE HIGHEST OF INDUSTRIAL STANDARDS

All of the development work for our products is taken care of in-house – from the initial planning to the design stage.

We are most proud of our electronic development, with state-of-the-art industrial machines in use for production and innovative IT solutions ensuring that our production processes are continually optimised.

Thorough and detailed testing enables us to achieve optimum quality. We are particularly proud of our performance in electronic development.

2

EVERY PRODUCT WE CREATE IS OF EXCEPTIONAL QUALITY

We only use premium materials in our production processes and polycarbonate is one of our key resources, as it is impact-proof, UV-resistant and colour-fast.

We always ensure that our visual signalling equipment has an intelligent lens design and features state-of-the-art LED technology. To meet the highest of demands for signalling, we supply products with the most effective high-power LEDs available.

Our modular signal towers are created with the utmost precision, helping our company to stand out from the crowd by offering innovative detailed solutions. Audible signalling equipment from Auer Signal is among the loudest on the market.

3

WE HAVE PRODUCTS FOR EVERY APPLICATION – RANGING FROM THE PREMIUM TO THE VALUE SEGMENT

Our extensive product portfolio covers all of the requirements across our signalling equipment markets. As well as our high-end equipment, our range also includes some exciting products with an excellent price–performance ratio.

We offer our customers an extensive product portfolio that is tailored to specifications.

From automation technology, mechanical and plant engineering and building technology to the chemical and petrochemical sectors, safety applications and even uses under extreme conditions, we serve all sectors and branches of industry.

4

WE DEVELOP AND PRODUCE TAILOR-MADE SIGNALLING EQUIPMENT

Our ability to listen teamed with our engineers' passion for developing new products and special solutions to suit specific requirements has been key to our success.

With products being fully developed in-house, adjustments being made in line with a customer's own product design, and special wiring options and types of mounting, we are confident that we are the number one partner when it comes to implementing any customer requirements that are specific to them or their sector.

5

OUR SIGNALLING EQUIPMENT COMPLIES WITH THE REQUIRED INDUSTRY STANDARDS FOR USE AROUND THE WORLD

We live and breathe quality and safety standards. Plus, as Auer Signal is an international company, our signalling equipment is globally approved and can be used all around the world.
UL, EAC, CE, ATEX and ISO certifications make up the most important marks and safety standards for Auer signalling equipment.

7

WE ALWAYS DELIVER ON TIME

We have an excellent record when it comes to delivering on time, meeting our deadlines in 99.7% of cases, working to a just-in-time supply system. Keeping our delivery promises belongs to our traditions and ensures that our customers are very satisfied and loyal.

6

WE KEEP OUR PROMISES
(AND HAVE BEEN DOING SO SINCE 1910)

Auer Signal is an owner-run family company in its fourth generation.
We are a well-established company that has been a reliable partner for more than 100years now.
For all of our customers and partners, our unwavering trustworthiness is a convincing selling point that they have come to value highly.
We have a dedicated team of highly skilled employees who are friendly and personable as they work quickly to see to our customers' every wish and desire. This is reflected in the international business relationships we have built up on trust and reliability, which are still standing after decades.

Masterpieces of Engineering

Signalling equipment for every application

From high-end products to the best value for money

BLG
Cost-effective LED flashing beacon for general tapplications

QBL
High-power LED signal beacon with three flash patterns: for tapplications that require extreme brightness.

At Auer Signal, you will find a complete product range of high-quality signalling equipment. In the optical signalling equipment range you can choose between an LED signal beacon from our premium Q series or a cost-effective LED flashing beacon from our G series, for example.

Where the beacons in the Q series have been designed with high-power LEDs and three flash patterns for very high frontal and lateral signalling effect in extreme applications, the beacons in the G series are suitable for straightforward general applications.

Our material of choice: polycarbonate

Polycarbonate: the material we use for our signalling equipment.

High-quality polycarbonate has many advantages: it is impact-resistant, vandal-proof, temperature-resistant, colour-fast and UV-stabilised. Our lenses are available in six different colours.

A diverse array of
mounting types

Every mounting type is possible
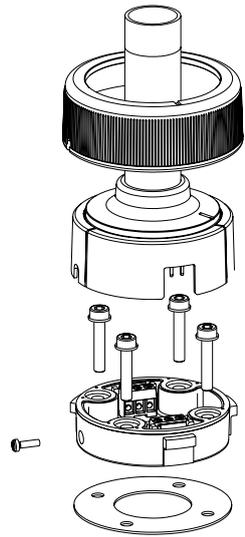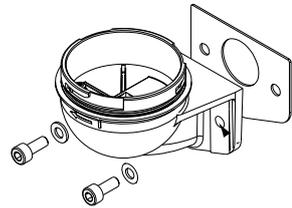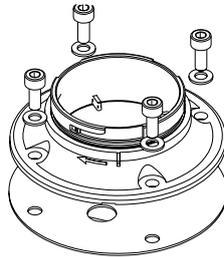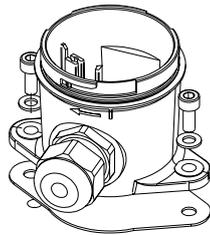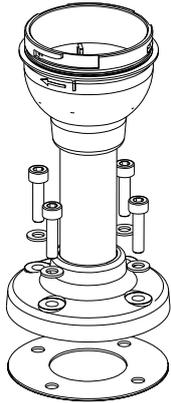
We have the right mounting solution for every
application, regardless of how the signalling
device is mounted. Be it horizontally, vertically,
on a wall, on a pipe or magnetically.

Connections
made easy

Well-thought-out connection
technology saves time and money

Our well-thought-out connection technology
helps you to save time, hassle and money.
Convenient connection options such as push-in
or clamping yoke technology guarantee high
contact reliability.

High-power LED –
the strongest LED

HIGH POWER LED

High Power LED
by Auer Signal

Alongside the standard LEDs, Auer Signal also offers high-power LEDs or high-performance beacons which provide exceptional brightness and maximum light output. There is no brighter LED on the market.

The loudest multi-
tone alarm sounder
with 127 dB

ASX — the Mighty

The sounder with sound pressure of 127 dB – infinitely adjustable. The loudest siren currently available.

Built for

extremes

Serie P — the Tough

Fully sealed signal beacon with high degree
of protection for extreme areas of application
in dust, ice, rain or heat. Best signalling effect
thanks to modern LED and xenon technology.

The ultimate M22 signalling equipment series

Auer Signal provides the most extensive M22 panel mount signalling equipment series. Available in three sizes with the loudest panel mount buzzer currently available.

An engineering masterpiece

Modular signal tower system with bayonet locking

Our modular signal towers are produced with unrivalled precision; the signal modules boast the lowest tolerance levels. Developed and built for many years of problem-free use in the industry.

The smallest modular
signal tower

With a diameter of 40 mm, our ECOmodul40 series is the smallest modular signal tower series available anywhere in the world. It is the only member of the ECOmodul series to be equipped with an LED multi strobe or multi colour strobe.

All sizes
available

We produce signal towers for every application and in every common size: Ø 30 mm, Ø 40 mm, Ø 50 mm, Ø 60 mm and Ø 70 mm.

# An overview of the
Auer Signal series

Series A+Q

the Mighty &
the Bright

HP HIGH POWER LED

UL | CE | EAC

The most extensive range of products for cubic-design multi-tone alarm sounders and cubic-design beacons in LED and xenon technology. Perfect for industrial applications, in process technology and for use in the navy.

FEATURES

- · Largest comprehensive series, cubic design in four sizes
- · Sounders with sound pressure of 90 to 127 dB, infinitely adjustable
- · Steady, flashing, strobe and multi-strobe beacons in LED or xenon technology
- · High luminous intensity up to 400 candela thanks to high-power LED
- · Frontal and lateral signalling effect thanks to unique lens design
- · Available in six different lens colours

- · Highly impact-resistant polycarbonate lens, UV-stabilised
- · Up to 63 tones can be selected, three tones can be switched externally
- · Internationally standardised signal tones
- · Cost-effective combinations with light and buzzer indicators
- · Certified according to the most stringent international standards
- · High degree of protection IP66
- · High degree of impact resistance IK09

MULTI-TONE SOUNDER A

Size 1	ASS-P
	ASS-T
Size 2	ASM
Size 3	ASL
Size 4	ASX

+

BEACON M22

=

COMBINATION A+M22

Size 1	ADS-P LED Steady beacon
	ADS-T LED Steady/flashing beacon
Size 2	ADM LED Steady/flashing beacon
	ACM LED Multi-strobe beacon
Size 3	ADL LED Steady/flashing beacon
	ACL LED Multi-strobe beacon
Size 4	ADX LED Steady/flashing beacon
	ACX LED Multi-strobe beacon

BEACON Q

Size 1	QDS LED Steady/flashing beacon
	QBS LED Multi-strobe beacon
	QFS Xenon strobe beacon
Size 2	QDM LED Steady/flashing beacon
	QBM LED Multi-strobe beacon
	QFM Xenon strobe beacon
Size 3	QDL LED Steady/flashing beacon
	QBL LED Multi-strobe beacon
Size 4	QDX LED Steady/flashing beacon
	QBX LED Multi-strobe beacon

+   **BUZZER M22**

=   **COMBINATION Q+M22**

Size 1	QSS LED Steady/flashing beacon
	QCS LED Multi-strobe beacon
	QTS Xenon strobe beacon
Size 2	QSM LED Steady/flashing beacon
	QCM LED Multi-strobe beacon
	QTM Xenon strobe beacon
Size 3	QSL LED Steady/flashing beacon
	QCL LED Multi-strobe beacon
Size 4	QSX LED Steady/flashing beacon
	QCX LED Multi-strobe beacon

MULTI-TONE SOUNDER A		**+**	**BEACON Q**		**=**	**COMBINATION A+Q**	
Size 1	ASS-P		Size 1	QDS LED Steady/flashing beacon		Size 1	ASS-P + QDS LED Steady/flashing beacon
				QBS LED Multi-strobe beacon			ASS-P + QBS LED Multi-strobe beacon
				QFS Xenon strobe beacon			ASS-P + QFS Xenon strobe beacon
	ASS-T						ASS-T + QDS LED Steady/flashing beacon
							ASS-T + QBS LED Multi-strobe beacon
							ASS-T + QFS Xenon strobe beacon
Size 2	ASM		Size 2	QDM LED Steady/flashing beacon		Size 2	ASM + QDM LED Steady/flashing beacon
				QBM LED Multi-strobe beacon			ASM + QBM LED Multi-strobe beacon
				QFM Xenon strobe beacon			ASM + QFM Xenon strobe beacon
Size 3	ASL		Size 3	QDL LED Steady/flashing beacon		Size 3	ASL + QDL LED Steady/flashing beacon
				QDL LED Multi-strobe beacon			ASL + QBL LED Multi-strobe beacon
Size 4	ASX		Size 4	QDX LED Steady/flashing beacon		Size 4	ASX + QDX LED Steady/flashing beacon
				QBX LED Multi-strobe beacon			ASX + QBX LED Multi-strobe beacon

Modular signalling equipment series
for universal applications with high
degree of protection IP67

Series T+U

the Allrounder

Extensive and modular signalling equipment series in two sizes –
Ø 60 mm and Ø 75 mm – for universal applications. Suitable for use
during extreme variations in temperature. Beacon in combination
with buzzer module with high degree of protection IP66.

FEATURES

· Modular surface-mount beacons
· Vandal-proof panel-mount beacons
· Two sizes: T series: Ø 75 mm, U series: Ø 60 mm
· LED: Steady, flashing and multi-strobe beacon
· Light functions can be selected via
  terminal assignment
· Sound pressure adjustable up to 100 dB,
  steady or pulsing tone
· Light and tone are separately switchable
· Available in six different lens colours
· Seven different types of mounting –
  quick and straightforward
· Ventilation element available for pressure
  equalisation during extreme environmental
  conditions (humidity, strong temperature
  fluctuations, etc.)
· Suitable for PLC applications
  (leakage/inrush current)
· Certified according to the most stringent
  international standards (UL, EAC)
· High degree of protection IP66
· High degree of impact resistance IK08

SURFACE-MOUNT (SERIES T)

TDC	Ø 75 mm, LED steady/flashing beacon
TDF	Ø 75 mm, LED multi-strobe beacon
TLL	Ø 75 mm, steady beacon (Incandescent bulb)

BUZZER (SERIES T)

TDE

SURFACE-MOUNT (SERIES U)

UDC	Ø 60 mm, LED steady/flashing beacon
UDF	Ø 60 mm, LED multi-strobe beacon
ULL	Ø 60 mm, steady beacon (Incandescent bulb)

ADDITIONAL INFORMATION

FOR PANEL-MOUNT BEACONS

· Panel size Ø 37 mm
· Tamper-proof and vandal-proof design,
  anti-twist mechanism
· Highest degree of impact resistance IK10
· Bulb easy to change via bayonet insert
  (incandescent bulb models)

PANEL-MOUNT (SERIES T)

TDCP	Ø 75 mm, LED steady/flashing beacon
TDFP	Ø 75 mm, LED multi-strobe beacon
TLLP	Ø 75 mm, steady beacon (Incandescent bulb)

PANEL-MOUNT (SERIES U)

UDCP	Ø 60 mm, LED steady/flashing beacon
UDFP	Ø 60 mm, LED multi-strobe beacon
ULLP	Ø 60 mm, steady beacon (Incandescent bulb)

Series N+M

the Performer &
the Huge

Largest rotating mirror
beacon on the market
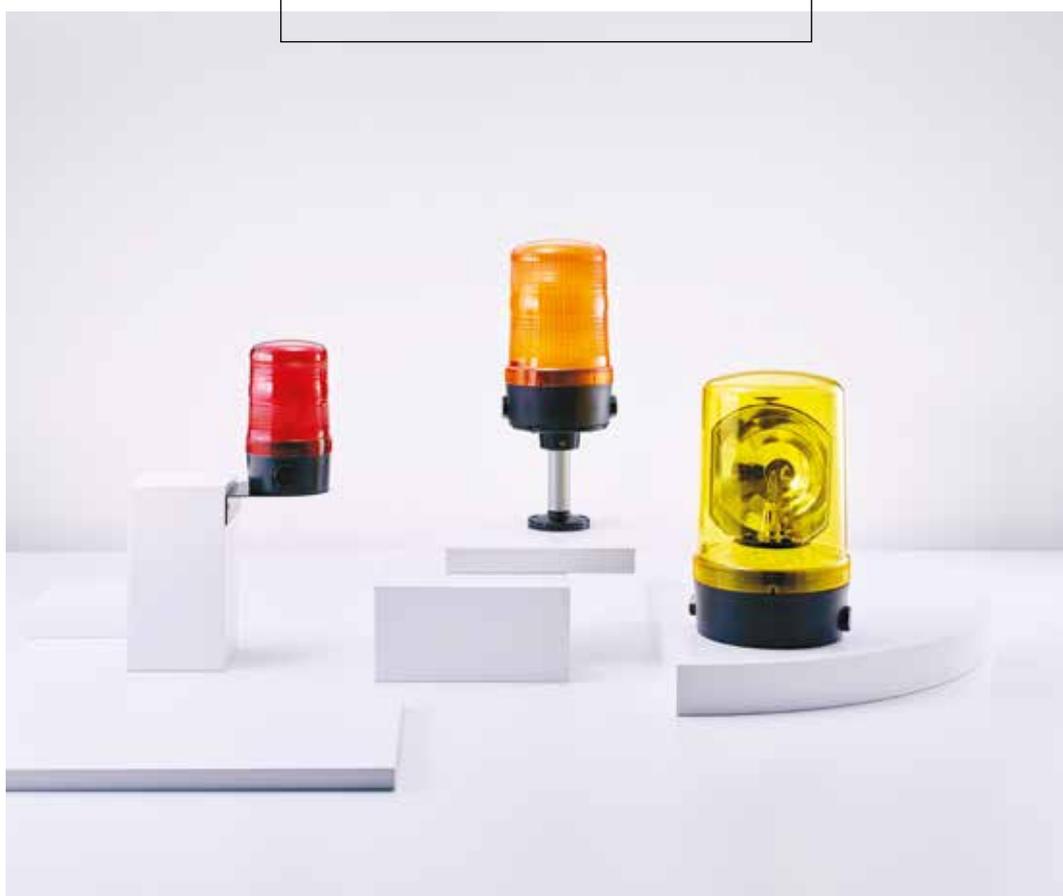
The N series includes the most extensive range of high-quality LED technology. It is available as an LED multi-colour beacon and LED steady/flashing/strobe and multi-strobe beacons.
With its high-power LEDs, the series is also suitable for use in extreme light conditions.

N SERIES SPECIFICATIONS
· LED beacons: Steady, flashing, strobe,
  multi-strobe beacon and multi-colour beacon
  in size Ø 90 mm
· Best signalling effect thanks to
  high-power LED
· Optimal signalling effect even in extreme
  light conditions
· Light distribution in all directions
· Specially for outdoor use, clearly visible
  signalling effect even in sunlight
· High degree of protection: IP65 and IP67

SERIES N	Ø 90 mm
LED steady/flashing beacon	NES
LED strobe-/double-strobe beacon	NFS
LED multi-strobe beacon HP	NFS-HP
LED multi-colour steady/flashing beacon red-yellow-green	NMS
LED Multi-colour steady beacon red-yellow-green	NMS-HP

M SERIES SPECIFICATIONS
· Powerful, large signal beacon in three
  sizes: Ø 90 mm, Ø 120 mm and Ø 160 mm
· Rotating mirror models with high operating
  safety thanks to synthetic bearings
· Speed control of 90 and 180 rpm, speed
  control with photodiode
· Convenient electrical connection with
  removable plug-in terminal
· Cable entry with grommet or laterally
  with a cable gland
· High degree of protection IP65
· Strobe energy up to 30 J

SERIES M	Ø 90 mm	Ø 120 mm	Ø 160 mm
Xenon strobe beacon	MFS	MFM	MFL
Rotating mirror beacon	MRS	MRM	MRL
Flashing beacon	MBS	MBM	MBL
Steady beacon	MLS	MLM	MLL

FEATURES
· Available in six different lens colours
· Highly impact-resistant polycarbonate lens and housing, UV-stabilised
· Certified according to the most stringent international standards
· PLC-suitable (leakage/inrush current)
· Extensive range of accessories (e.g. for wall mounting, pipe mounting, magnetic fixing, etc.)

Series G

the Price/Performance Winner

Surface-mounted
beacon series with Ø
120 mm and low lens

CE   EAC

Our price-performance winner for universal
applications. Large signal beacon with good
frontal and lateral signalling effect.

FEATURES

· Surface-mounted beacon series with Ø 120 mm and low lens
· Attractive price-performance ratio
· Very good signalling effect from 48 LEDs
· Choice of xenon strobe beacon and steady beacon or flashing
  beacon with 25 W
· Available in six different lens colours
· Suitable for PLC applications (leakage/inrush current)
· High degree of protection IP65 for outdoor applications

	Ø 120 mm
LED steady beacon	DLG
LED flashing beacon	BLG
Xenon strobe beacon	FLG
Steady beacon (Incandescent bulb)	WLG
Flashing beacon (Incandescent bulb)	BKG

HTG

Signal horn with high degree of protection IP65, die-cast aluminium housing, epoxy powder-coated, max. 108 dB sound pressure

HPT

Signal horn with high degree of protection IP65, impact-resistant ABS plastic housing, max. 108 dB sound pressure

KLH | KDH

With or without cone 92 dB sound pressure, ABS plastic housing

Series K+H the Little & the Great Loud

Well-designed and robust electromechanical signal horns with the distinctive, classic horn tone with an attractive price-performance ratio.

FEATURES

· Proven electromechanical technology with typical horn tones
· Good price-performance ratio
· All the important nominal voltages are available
· Robust, timeless design

KLF | KDF

Combination of mini horn with strobe beacon in xenon technology with or without cone, max. 92 dB sound pressure, ABS plastic housing

KLL | KDL

Combination of mini horn with signal beacon in LED steady or flashing light technology or conventional incandescent bulb with or without cone, max. 92 dB sound pressure, ABS plastic housing

Series M22

the Loudest & Brightest Installable

The most extensive M22 panel-mount signalling
equipment series in three sizes. With the loudest
panel-mount buzzer available on the market.

PANEL-MOUNT BUZZER	Ø 30 mm	Ø 45 mm	Ø 65 mm
3 tones, max. 105 dB, adjustable			ESG
2 tones, max. 100 dB, adjustable		ESM	
2 tones, max. 85 dB	ESV		
2 tones, max. 65 dB	ESK		

PANEL-MOUNT BEACONS	Ø 30 mm	Ø 45 mm	Ø 65 mm
LED Steady/flashing beacon	IBS	IBM	IBL
LED Strobe-/multi-strobe beacon	ISS	ICM	ICL
Xenon strobe beacon		ISM	ISL
LED Multi-colour steady beacon red-green	IDS	IDM	IDL
LED Multi-colour steady beacon red-green, two-part lens	ITS	ITM	ITL
LED Multi-colour steady beacon red-yellow-green		IMM	IML

FEATURES

· The most extensive M22 panel-mount signalling equipment series on the market
· Three sizes: Ø 30 mm, Ø 45 mm and Ø 65 mm
· Good brightness and frontal and lateral signalling effect
· Available in six different lens colours
· Highly impact-resistant polycarbonate lens and housing, UV-stabilised
· Long-lasting, resistant to vibrations and with low power consumption
· Visual-audible combinations with piezo and LED technology
· High sound pressure, infinitely adjustable for the most part
· Synchronised tone and light, or separately switchable
· Buzzer models with a wide voltage range: from 8–24 V AC/DC to 150–260 V AC
· Small mounting depth
· PLC-suitable (leakage/inrush current)
· Certified according to the most stringent international standards
· Can be expanded to M30 mounting diameter with an adapter
· High degree of protection IP65 and IP67 for pre-wired models

Series M28

the Sirene Beginner

M28 panel-mount buzzer with a wide voltage range
for universal applications and sealed electronics.
Best European quality at an attractive price.

Best European quality
with an attractive
price-performance ratio

FEATURES

· Attractive price-performance ratio
· Proven piezo technology
· Wide voltage range
· Available in various tones
· Models with tabs or terminal
· Sealed electronics
· Low current consumption
· Ø 43 mm, 90 dB

ESD	Steady tone, connection via tabs
ESP	Pulsing tone, connection via tabs
ESZ-S	Steady or pulsing tone, connection via tabs
ESZ-K	Steady or pulsing tone, connection with screw terminal
BU2	Pulsing tone, connection via tabs
BU3	Pulsing tone, connection via tabs

CE | EAC

Series P the Tough

Pre-wired and fully sealed signal beacon with high degree of
protection for extreme areas of application in dust, ice, rain and heat.
Best signalling effect thanks to modern LED and xenon technology.

FEATURES

· Surface-mounted beacon series with Ø 75 mm
  and high degree of protection IP67
· Highly impact-resistant polycarbonate lens and
  housing, IK08, UV-stabilised
· Pre-wired as standard, ready to mount with
  pre-mounted stainless-steel screws
· Modern, bright LED beacon in the following
  models: Steady, flashing, multi-strobe, multico-
  lour steady and xenon strobe beacon
· Available in six different lens colours
· Models with high and low lens
· Suitable for PLC applications
  (leakage/inrush current)
· Accessories for vertical and pipe mounting

HIGH LENS

PCH	LED steady/flashing beacon
PFH	LED multi-strobe beacon
PMH	LED multi-colour steady beacon
PXH	Xenon flashing beacon

LOW LENS

PCL	LED steady/flashing beacon
PFL	LED multi-strobe beacon
PXL	Xenon strobe beacon

CE   EAC

Eco-Modul

the Flexible Allrounder

Modular signal tower concept with an excellent price- performance ratio

The most modern and flexible all-rounder among the modular signal towers in three sizes: Ø 40 mm, Ø 60 mm and Ø 70 mm. Also available with high-power LEDs for best signalling effect.

FEATURES

· Modular signal tower in three sizes: Ø 40 mm, Ø 60 mm and Ø 70 mm
· LED beacon modules: Steady, flashing, strobe and multi-strobe beacon
· Also available with high-power LED, alternatively also available with conventional lamps
· Piezo buzzer with adjustable volume and multi-tone alarm sounder modules with up to eight different tones
· Available in six different lens colours
· Made of high-quality impact-resistant and UV-stabilised polycarbonate
· In addition to the 24 V models, variants are also available for the mains voltage

· Extensive range of mounting types, patented quick mounting base
· Also available pre-configured at a cost-effective price
· High contact reliability, even when exposed to vibrations and temperature fluctuations
· Certified according to the most stringent international standards
· High degree of protection IP66

HP **HIGH POWER LED**   UL   CE   EAC

Modul-Signal

the Proven

Well-proven, modular
signal tower system

FEATURES

· Modular signal tower in two sizes:
  Ø 50 mm and Ø 70 mm
· LED steady, flashing, strobe and multi-strobe
  beacons, xenon strobe beacons or steady/flas-
  hing beacons (incandescent bulb)
· Piezo buzzer with adjustable volume and
  electronic sounder modules with up to
  15 different tones
· Available in six different lens colours
· Made of high-quality impact-resistant and
  UV-stabilised polycarbonate

· In addition to the 24 V variant, it is also
  available for direct mains supply
· Many types of mounting, including
  patented quick mounting system
· Connected to the AS interface fieldbus
  systems for the Ø 70 mm series
· High degree of protection IP65

Modul-Compact

the Readymade

The ready-to-use LED signal tower is offered pre-configured or built to customer specifications and is available in two sizes – Ø 30 mm and Ø 70 mm. Perfect for large quantities. Very attractive price-performance ratio.

FEATURES

- Pre-configured, ready-to-use and pre-wired LED signal tower
- Two sizes: Ø 30 mm and Ø 70 mm
- Modules available with steady or flashing beacon in six lens colours
- Made of high-quality impact-resistant and UV-stabilised polycarbonate

- One-tone or two-tone modules for steady or pulsing tone
- Many types of mounting, patented quick mounting base
- In addition to the 24 V variant, it is also available for direct mains supply
- High degree of protection IP65

Half-Dome

the Design-Tower

Visual-audible LED signal tower in a semi-circular design for wall mounting. Optimal signalling due to 180 degree beam angle.

FEATURES

- Semi-circular design with 180° beam angle
- Perfect signalling effect from every viewing angle, due to the integrated reflector
- Distinct lens pattern and additional mirroring
- Two to five light modules in six lens colours
- Made of high-quality impact-resistant and UV-stabilised polycarbonate
- Three housing colours: Grey, chrome and black
- Delivered pre-configured or ready to use according to individual customer wishes
- Optional integrated two-tone buzzer (steady and pulsing tone) with adjustable volume
- For 12 V or 24 V control voltage or 115 V or 120 V mains voltage
- Can be used anywhere in the world thanks to international certification
- High degree of protection IP65

EX signalling devices

Complete range of explosion-proof signalling devices for all industries in which combustible gases, vapours and dusts are created during the production process.

Extensive range of visual and audible explosion-protected signalling devices for use in potentially explosive gas and dust atmospheres classified as Zones 1 and 21. All products offer ignition protection type "e" (increased safety) and can be connected easily and cost-effectively.

EXPLOSION-PROOF SIGNAL BEACONS

· Available as steady/flashing/strobe/rotating beacons with ignition protection type "d" (flame-proof enclosure) or "m" (encapsulation) for Zone 1, 21
· With LED technology or classic xenon flashing technology
· High degree of protection IP66
· LED multi-colour beacon with 5 signalling colours and 3 signalling modes for Zone 2, 22

EXPLOSION-PROOF SIGNAL HORNS AND SIGNAL BELLS

· In ignition protection type "d" (flame-proof enclosure), plastic housing, IP66 degree of protection, for Zone 1
· In ignition protection type "m" (encapsulation), in plastic or metal housings, IP54/66 degree of protection, for Zone 1, 21
· Classic horn tone with electromechanical horn system

EXPLOSION-PROOF MULTI-TONE ALARM SOUNDERS

· Multi-tone alarm sounders with 32 signal tones, 2 tones can be switched externally, adjustable volume
· In ignition protection type "d" (flame-proof enclosure), housing made from copper-free seawater-resistant aluminium, for Zone 1, 21
· High degree of protection IP66

EXPLOSION-PROOF VISUAL-AUDIBLE SIGNALLING SOUNDER

· Xenon strobe beacon with audible signalling sounder with ignition protection type "m" (encapsulation), for Zone 1
· For universal applications in potentially explosive industrial areas

Telephones

Complete range of explosion-proof and weather-proof telephones. With analogue and VoIP technology for all kinds of industrial requirements – both offshore and onshore.

Two explosion-proof telephone groups for Zone 1 and 21 and for Zone 2 and 22. Highly robust with up to IK09 impact protection.

FEATURES

· Certified for potentially explosive gas and dust atmospheres classified as Zone 1 and 21 or Zone 2 and 22
· High impact protection up to IK09
· Models with analogue and VoIP technology
· Maximum resistance to adverse ambient conditions (humidity, acids, alkalis, temperatures, etc.)
· IP66/IP65 degree of protection
· Extensive range of telephone accessories: audible and visual-audible secondary signalling sounder, headsets and additional earpiece sets, telephone protection hoods, telephone connecting relays

Louder &

Brighter

since 1910.

HEADQUARTER

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