



# CT5



Modul-Compete 50  
Competitive Simplicity

**Aer Signal**

The new signal towers

Modul-Compete 50

CT5



IP65



IK07



60°C

-30°C



Type 4/4X



Cost-optimised modular 50 mm Ø signal tower /  
for classic 24V DC applications in industry / Up to  
5 positions possible / Low soiling due to flat-flush smooth  
exterior design / Maximum product availability due to  
minimum number of articles (only 25 order numbers) /  
LED multifunction and LED continuous light modules in  
6 colours / Efficient sound module selectable up to 95 dB –  
8 tones / Optimised 'resilient' bayonet system enables high  
stability, even without sealing rings / five-pole M12 base  
with automatic contacting push-in system / All common  
mounting types

# CT5 is all about competitiveness.

As the name suggests, the new modular signal tower Modul-Compete 50 (CT5) is very competitive in price.



The cost-optimised **CT5** has the same central contacting as the PC7, but was developed exclusively for 24V DC operation. For standard applications where high quality and an attractive price are required, the CT5 is the right choice.

	40 MM Ø	50 MM Ø	60 MM Ø	70 MM Ø
<p><b>PC7</b></p> <p><b>PREMIUM</b> <b>CENTRAL INTERNAL CONTACTING</b></p>				
<p><b>CT5</b></p> <p><b>COMPETITION</b> <b>CENTRAL INTERNAL CONTACTING</b></p>				
<p><b>Eco Modul</b></p> <p><b>STANDARD</b> <b>CLASSICAL CONTACTING WITH METAL PINS</b></p>				

Our signal tower flagship **PC7** meets the highest demands. The PC7 is the right choice when a future-proof, high-performance Signal Tower with many flexible options is needed.

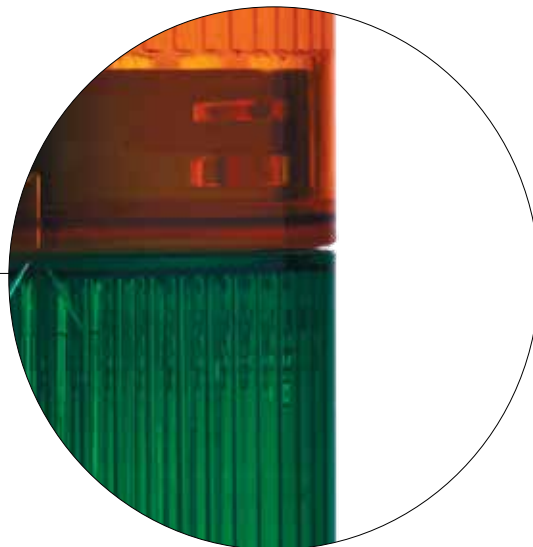
In contrast to the PC7 and the CT5, the standard signal tower series **ECO-MODUL** is still equipped with classic contacting with metal pins, but also offers a complete product range in LED and incandescent lamp technology in three sizes.

# Innovative & smooth

The CT5 is based on patented central internal contacting and a smooth, flat-flush surface design.



Due to the modern, flat-flush external design of the CT5, hardly any dust or other residues can settle on the signal tower.



The CT5 modules have a patented central contacting system. This ensures that the information is forwarded safely and can be produced cost-effectively. Inside the CT5 light modules there is an integrated lens bridge which additionally distributes the light signals evenly in all directions. The light modules of the CT5 thus provide an efficient and optically attractive signal pattern.



6

## The CT5 modules

# Reduced to the max.

The CT5 modules are manufactured in the usual high quality from polycarbonate. The high IP65 protection and a temperature range of  $-30^{\circ}$  to  $+60^{\circ}\text{C}$  meet all the requirements of modern industrial applications. The intelligent calotte interior design, 2 LEDs on each module side and the intelligent calotte ribbing in conjunction with the lens bridge enable a uniform and efficient  $360^{\circ}$  signal effect.

# 8

TONES



**CT5ZM**  
Top Piezo  
Summer module



An LED multifunction module, an LED continuous light module and a sound module meet all the requirements of modern standard industrial applications.

6

COLOURS

2

LIGHT MODULES

1

SOUND MODULE



#### **MULTIFUNCTIONAL MODULE**

The LED multifunction module of the CT5 is available in six colours and offers the following functions: LED continuous light, LED flashing light, LED single flash and LED double flash. The individual functions are selected with two dip switches.

#### **CONTINUOUS LIGHT MODULE**

An independent LED continuous light module, also available in six colours, enables the best possible price for standard applications with continuous light function.

#### **8-TONE PIEZO SOUND MODULE**

With the piezo sound module, one of eight different tones can be selected with a dip switch. The maximum sound pressure reaches a high 95 dB (A) at a distance of one metre and can be continuously reduced using a potentiometer. The sound module of the CT5 is always mounted as a top module at the top of the signal tower.



10

CT5

Boost my  
Light.

Aver Signal

# IO-Link

Upgrades for steady light modules

Easiest parameterization on the market

IO-Link integration directly into the base

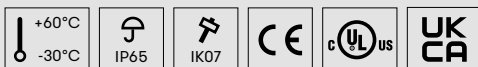
Easy change-over of existing signal towers



## CT5MC5IO

### IO-LINK BASE WITH 5-PIN M12 CONNECTOR

Order number	915781781
Operating temperature	-30°C / +60 °C (UL: -30°C / +45°C)
Degree of protection	IP65
Impact resistance	IK07



## CT5KR1IO

### IO-LINK TUBE BASE, 100 MM WITH TERMINAL

Order number	915742742
Operating temperature	-30°C / +60 °C
Degree of protection	IP65 & UL Type 4/4*
Impact resistance	IK07



More information



Configurator



# M12 base

CT5MC5

M12 base



# Just 25 order numbers.

The CT5 only needs 25 order numbers in total. It couldn't be easier. Alongside the modern and efficient M12 connection technology, the CT5 offers all common mounting types.



The independent five-pin M12 base of the CT5 makes highly cost-effective use of the M12 connection technology. When using the M12 base, a maximum of four modules is possible.

The bases of the CT5 have a push-in terminal and are suitable for all common

mounting types such as: vertical mounting, tube mounting, external tube mounting, vertical tube mounting, tube mounting with lateral cable insertion, free external cable insertion, vertical mounting of the M12 base and direct conduit mounting with a NPT 1/2" thread.

All the

# Mounting Options

you need.



# Cost-optimised plastic tube base

The tube base with a new, one-piece 100-mm-long plastic tube with an integrated plastic foot is the cost-effective standard tube assembly of the CT5. The tube lengths 250 and 400 mm are available with an aluminium tube and plastic foot, as with other signal towers.



**CT5KR1**  
100-mm-long tube base  
with integrated foot

**WM22**  
Metal bracket for  
vertical mounting of  
the M12 base (CT5MC5)



**CT5BR**  
Metal bracket for  
external cable  
insertion from any  
direction

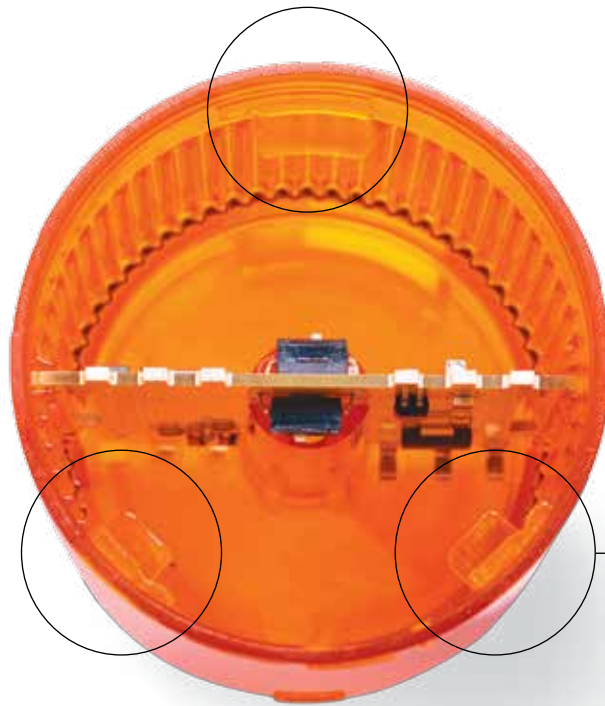


## Two new mounting brackets

In addition, the CT5 offers two new metal angles. On the one hand, this makes it possible to insert an external cable coming from any direction and, on the other hand, to mount the CT5-M12 base vertically.

# A new bayonet system

The CT5's optimised bayonet system ensures maximum stability thanks to innovative return springs - and is extremely stable even without sealing rings.



# 3

**INTELLIGENT  
BACK-PRESSURE  
SPRINGS**

The new, intelligent bayonet system, which is being used for the first time in the CT5, has three back-pressure springs. They ensure minimal tolerance and high stability. This allows the CT5 to be used, for example, in cold stores or at temperatures as low as  $-40^{\circ}$  Celsius without sealing rings, which makes the CT5 even more attractive in terms of function. Even in volume projects with indoor applications, this can further support the high competitiveness of the CT5 in terms of price.



# Just 25 order numbers

## Light modules



TYPE	PRODUCT	ORANGE	RED	CLEAR	BLUE	GREEN	YELLOW
CT5DC	LED continuous light module	915 011 005	915 012 005	915 014 005	915 015 005	915 016 005	915 017 005
CT5DF	LED multifunctional module	915 021 005	915 022 005	915 024 005	915025005	915 026 005	915 027 005

## Sound modules



TYPE	PRODUCT	DESCRIPTION	ARTICLE NUMBER
CT5ZM	Top Piezo Summer Module	one of eight tones can be selected with a dip switch	915 510 005

## Bases



TYPE	PRODUCT	DESCRIPTION	ARTICLE NUMBER
CT5MW	Base for horizontal and external tube mounting suitable for Ø 25mm tubes		915 710 900
CT5MC5	Base with integrated M12 five-pin connector		915 781 005
CT5MC5IO	IO-Link base with 5-pin M12 connector		915 781 781
CT5NPT	Base for NPT 1/2" conduit mounting		915 715 900
CT5MV	Base for vertical mounting	with closed cable insertion	915 730 900
CT5KR1	Tube base on 100 mm plastic tube with integrated foot		915 742 910
CT5KR1IO	IO-link tube base 100 mm with terminal 24 V DC		915 742 742
CT5MR05	Tube base on 50 mm aluminium tube with plastic foot 24 V DC		915 741 900
CT5MR2	Tube base on 250 mm aluminium tube with plastic foot		915 743 900
CT5MR3	Tube base on 400 mm aluminium tube with plastic foot		915 744 900

## Accessories



TYPE	PRODUCT	DESCRIPTION	ARTICLE NO.
CT5SK	Screw set for external tube mounting	two mounting screws and one seal for external tube mounting of the base CT5MW	915 710 910
CT5BR	Metal bracket for external cable insertion	for use with base CT5NPT and cable connection CKV as cable relief	915 735 900
WM22	Metal bracket for products with M22 mounting thread	for base CT5MC5 and M22 products	812 100 900
XWR	Plastic bracket for vertical mounting of tubes with a plastic base	for all tubes with a plastic base, incl. mounting screws	900 600 900
BDW	Junction box for horizontal mounting, M20, incl. mounting screws	for all tubes with a plastic base, for lateral cable insertion	841 501 900
BDV	Junction box for vertical mounting, M20	for all tubes with plastic base, for lateral cable insertion, separate screw set to match signal tower	841 511 900
BDM	Junction box for magnet mounting, M20	for all tubes with plastic base, for lateral cable insertion, separate screw set to match signal tower	841 521 900
SKE	Screw set for junction boxes	for mounting of PC7, CT5, ECO70/60/40 and Compact70 tube feet on BDV and BDM junction boxes	841 000 900
CKV	Cable connection NPT 1/2"	for use with CT5NPT	698 800 045

# Seven good reasons for Auer Signal

# 1

**WE DESIGN AND MANUFACTURE OUR OWN PRODUCTS IN THE HIGHEST INDUSTRIAL QUALITY**

The long tradition of Austrian engineering lives on in Auer Signal. From the planning stage through to the construction – our signal devices are developed entirely in house and are unmistakable thanks to innovative detail solutions. We manufacture with the most up-to-date industrial machines and rely on innovative IT solutions to constantly optimise our production processes. We take countless testing steps to achieve the highest product quality. And we are particularly proud of our electronics.

# 2

**WE ONLY MAKE PRODUCTS OF THE HIGHEST QUALITY.**

We always use the finest materials for our products. Polycarbonate plays an important role in this: it is impact-resistant, UV-resistant and colourfast. With our optical signal devices, we pay particular attention to intelligent calotte design and state-of-the-art LED technology. We offer products with the strongest high-power LEDs available to meet the highest demands in signalling. Our modular signal towers are manufactured with unsurpassed precision and provide innovative detail solutions for a unique position of our company. Auer Signal's acoustic signalling devices are among the loudest on the market.

# 3

**PRODUCTS FOR EVERY APPLICATION: FROM HIGH-END PRODUCTS TO UNBEATABLE BARGAINS**

Our broad product portfolio covers all requirements of the markets and our customers. In addition to our high-end devices, our range also includes attractive products in the low-cost segment. We offer our customers a complete product portfolio tailored to their specifications: from automation technology to mechanical and plant engineering, building services engineering, the chemical and petrochemical industries as well as safety products or applications for extreme conditions, we serve all branches of industry and sectors.

# 4

**WE DEVELOP AND PRODUCE SIGNAL DEVICES MADE TO MEASURE**

An open ear and the passion of our engineers to develop new products and special solutions for special requirements have made us successful. We develop products entirely by ourselves, adapt them to a customer-specific product design and even offer special cabling and special assembly types. We are the right partner for all special or industry-specific customer requirements.

# 5

**FOR WORLDWIDE USE:  
OUR SIGNAL DEVICES MEET THE  
REQUIRED INDUSTRY STANDARDS**

We live out quality and safety standards. Auer Signal is an internationally operating company. This is why our signal devices are approved worldwide and can be used internationally. The most important markings and safety standards for Auer signal devices are the UL, CE, EAC, ATEX and ISO certificates.



# 7

**WE KEEP OUR DELIVERY PROMISES**

Outstandingly reliable deliveries: we meet 99.7% of our delivery deadlines and deliver just in time. This has a long tradition with us and is the reason for our high customer satisfaction and loyalty.

# 6

**WE HAVE BEEN KEEPING OUR  
PROMISES SINCE 1910**

Auer Signal is an owner-managed family business in its fourth generation. We are an established company and have been a reliable partner for more than a hundred years. Our tradition of handshake quality is highly appreciated by all our customers and partners. We have a committed team of competent employees who take care of the wishes of our customers in a friendly, personal and fast manner. This is confirmed by decades of international business relations based on trust and reliability.

# Auer Signal is one of the world's leading manufacturers of signal devices.

We are constantly working on new product developments. We have been inspiring our customers with innovation, vision and handshake quality since 1910. To keep it that way in the future, we act like our signal devices: louder and brighter.

Since 1910, we have been driven by the desire to develop ever-better technical devices.

Auer Signal is a fourth-generation, owner-managed company with big ambitions. As a family business, we value trust, handshake quality and reliability.



# Louder & Brighter since 1910.

**HEADQUARTERS**

**Auer Signal GmbH**

Perfektastrasse 102

1230 Vienna, Austria

T +43 1 813 82 20

F +43 1 815 99 51

[office@auersignal.com](mailto:office@auersignal.com)

[www.auersignal.com](http://www.auersignal.com)