

## PC7 modular Signal tower

- Ø 70 mm modular signal tower
- Up to 6 times brighter than comparable signal towers
- 7 positions provide maximum flexibility
- Two visual appearances available with the new diffuser
- Even brighter top light module with hemispherical signalling effect
- New LED light modules with multi colour, rotating light, multi function and steady light functions
- Multitone module now also available as an inline module
- New multi-tone alarm sounder module for the best possible tone quality and variety
- Innovative MP3/voice output module for playing back audio formats
- Patented, cost-effective M12 bases

## TECHNICAL DATA

|                                   |                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------|
| <b>Housing</b>                    | Ø 70 mm, Polycarbonate black                                                         |
| <b>Lens</b>                       | Polycarbonate, amber, red, clear, blue, green, yellow or magenta                     |
| <b>Leakage current</b>            | 0,003 A                                                                              |
| <b>Beacon type</b>                | LED steady beacon, LED flashing beacon, LED strobe beacon or LED multi strobe beacon |
| <b>Light source</b>               | LEDs                                                                                 |
| <b>Tone</b>                       | see tone table                                                                       |
| <b>Volume</b>                     | 100-105 dB (depending on module)                                                     |
| <b>Duty cycle</b>                 | 100 %                                                                                |
| <b>Service life</b>               | Light source: LED 100,000 hours                                                      |
| <b>Number of possible modules</b> | max. 7                                                                               |
| <b>Operating temperature</b>      | -30°C / +70°C                                                                        |
| <b>Degree of protection</b>       | IP 66/ IP67 & UL Type 4/4x/13                                                        |
| <b>Impact resistance</b>          | IK08                                                                                 |
| <b>Weight (modules)</b>           | 48-166 g                                                                             |



## PC7 Pre-assembled Signal towers



Order no.: PC7-Q01

Colours: red/amber/green

Function: LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting  
(100 mm tube length)



Order no.: PC7-Q02

Colours: red/green

Function: LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting  
(100 mm tube length)



Order no.: PC7-Q05

Colours: red/amber/green/blue

Function: LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting  
(100 mm tube length)



Order no.: PC7-Q06

Colours: red/amber/green

Function: LED multifunctional module  
(red) + LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting  
(100 mm tube length)



Order no.: PC7-Q07

Colours: red/amber/green

Function: Top LED steady/flashing  
beacon (red) + LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting  
(100 mm tube length)

## PC7 Pre-assembled Signal towers



Order no.: PC7-Q08

Colours: red-yellow-green-white-blue-turquoise-magenta

Function: Top LED steady beacon, IO-Link

Nominal voltage: 24 V AC/DC

Type of mounting: M30 mounting with integrated 5-pin M12 connector



Order no.: PC7-Q09

Colours: red-yellow-green-white-blue-turquoise-magenta

Function: LED steady beacon, IO-Link

Nominal voltage: 24 V AC/DC

Type of mounting: M30 mounting with integrated 5-pin M12 connector



Order no.: PC7-Q10

Colours: red-yellow-green-white-blue-turquoise-magenta

Function: Top LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q11

Colours: red-yellow-green-white-blue-turquoise-magenta

Function: LED steady beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q12

Colours: red

Function: Top LED steady/flashing beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q13

Colours: amber

Function: Top LED steady/flashing beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Tube mounting (100 mm tube length)



Order no.: PC7-Q14

Colours: red

Function: Top LED steady/flashing beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Base for surface mounting



Order no.: PC7-Q15

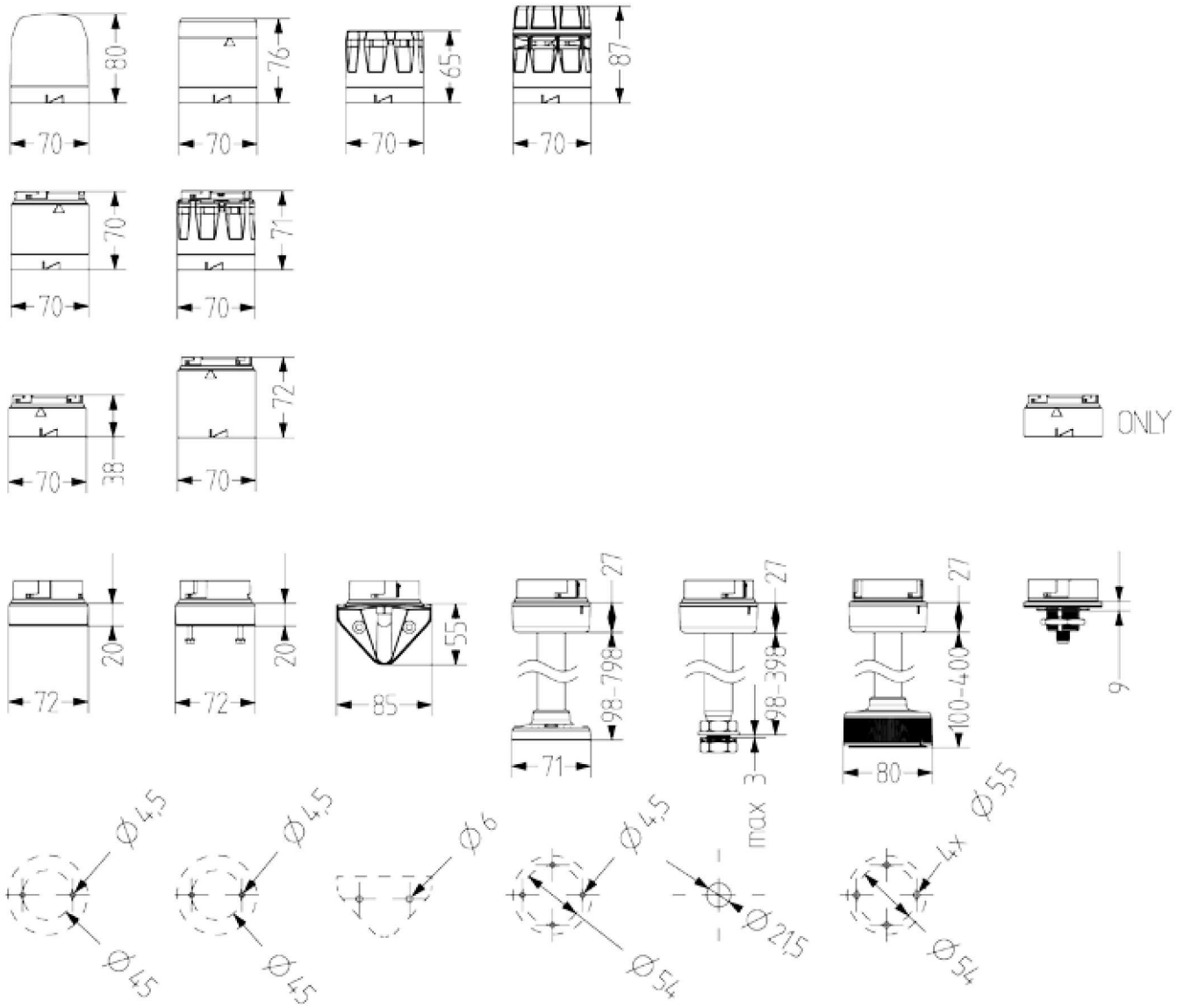
Colours: amber

Function: Top LED steady/flashing beacon

Nominal voltage: 24 V AC/DC

Type of mounting: Base for surface mounting

## PC7



PC7 Order numbers

VISUAL MODULES



| Type  | Productname                | amber       | red         | clear       | blue        | green       | yellow      | magenta     |
|-------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PC7DC | LED steady light module    | 910 011 405 | 910 012 405 | 910 014 405 | 910 015 405 | 910 016 405 | 910 017 405 | 910 018 405 |
| PC7DF | LED multifunctional module | 910 021 405 | 910 022 405 | 910 024 405 | 910 025 405 | 910 026 405 | 910 027 405 | 910 028 405 |
| PC7DR | LED rotating light module  | 910 031 405 | 910 032 405 | 910 034 405 | 910 035 405 | 910 036 405 | 910 037 405 | 910 038 405 |
| PC7DM | LED multi colour module    | 910 040 405 |             |             |             |             |             |             |

VISUAL TOP MODULES



| Type   | Productname                                | amber       | red         | clear       | blue        | green       | yellow      | magenta     |
|--------|--------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PC7DCB | Top LED steady/flashng light beacon module | 910 111 405 | 910 112 405 | 910 114 405 | 910 115 405 | 910 116 405 | 910 117 405 | 910 118 405 |
| PC7DFB | Top LED multi strobe beacon module         | 910 121 405 | 910 122 405 | 910 124 405 | 910 125 405 | 910 126 405 | 910 127 405 | 910 128 405 |
| PC7DRB | Top LED rotating light beacon module       | 910 131 405 | 910 132 405 | 910 134 405 | 910 135 405 | 910 136 405 | 910 137 405 | 910 138 405 |
| PC7DMB | Top LED multi colour module                | 910140 405  |             |             |             |             |             |             |

AUDIBLE MODULES



| Type  | Productname                 | Order Number |
|-------|-----------------------------|--------------|
| PC7ZM | Top Multi-tone module       | 910 510 405  |
| PC7ZI | Multi-tone module           | 910 520 405  |
| PC7TD | Top Multi-tone siren module | 910 530 405  |
| PC7VS | Top MP3/voice output module | 910 540 405  |

# PC7 Order numbers

## BASE MODULES & ACCESSORIES

| Type     | Productname                                                                       | Order Number |
|----------|-----------------------------------------------------------------------------------|--------------|
| PC7BLV   | Low-voltage upper base section, up to 7 modules                                   | 910 771 405  |
| PC7BHV3  | High-voltage upper base section, up to 3 modules                                  | 910 772 313  |
| PC7BHV7  | High-voltage upper base section, up to 7 modules                                  | 910 773 313  |
| PC7MW    | Base for horizontal mounting, with NPT 1/2" thread                                | 910 710 900  |
| PC7MS    | Base for horizontal mounting with pre-mounted fixing screws, with NPT 1/2" thread | 910 720 900  |
| PC7MV    | Base for vertical mounting                                                        | 910 730 900  |
| PC7MR    | Aluminium tube base with plastic foot, 100mm                                      | 910 742 900  |
| PC7MR    | Aluminium tube base with plastic foot, 250mm                                      | 910 743 900  |
| PC7MR    | Aluminium tube base with plastic foot, 400mm                                      | 910 744 900  |
| PC7MR    | Aluminium tube base with plastic foot, 600mm                                      | 910 746 900  |
| PC7RS    | Aluminium tube base with screw, 100mm                                             | 910 752 900  |
| PC7RS    | Aluminium tube base with screw, 250mm                                             | 910 753 900  |
| PC7MC5   | Base with integrated 5-pin M12 connector                                          | 910 781 405  |
| PC7MC8   | Base with integrated 8-pin M12 connector                                          | 910 782 405  |
| PC7FR    | "Foot adapter" quick mounting system on aluminium tube, 100mm                     | 910 792 405  |
| PC7FR    | "Foot adapter" quick mounting system on aluminium tube, 250mm                     | 910 793 405  |
| PC7ASI20 | AS-Interface V2.0 4-bit                                                           | 910 775 200  |
| PC7ASI30 | AS-Interface V3.0 4-bit                                                           | 910 775 300  |
| PC7LD    | Diffusor foil                                                                     | 910 000 900  |
| XWR      | Plastic bracket for vertical mounting of signal tower tube bases                  | 900 600 900  |
| BVB      | Metal bracket for vertical mounting of signal tower tube bases                    | 200 550 900  |
| XSS      | Set for vertical mounting                                                         | 900 700 900  |
| PC7TM    | Transition module to use Modul-Perfect Modules with a Modul-Signal 70 base        | 910 800 900  |
| PC7MC5IO | IO-Link base with 5-Pin M12 connector                                             | 910 781 781  |
| PC7BLVIO | IO-Link base                                                                      | 910 771 771  |



PC7BLV



PC7BHV3



PC7BHV7



PC7MW



PC7MS



PC7MV



PC7MR



PC7BLVIO



PC7RS



PC7MC5



PC7MC8



PC7FR



PC7LD



XSS



PC7TM



PC7MC5IO