Product Overview

Our catalogue

We would be pleased to send you our current catalogue showing our extensive product range.

Request this via e-mail at
info@werma.com.

We look forward to hearing from you.

Buy Signal Devices online

Take a look at **www.werma.com** and discover the world of WERMA online!

- Ordering around the clock
- Quick and reliable delivery
- Safe payment options
- Delivery tracking service
- Convenient product search
- Signal Towers Configurator
- Configurator for individual Traffic Lights
- Applications
- Comprehensive download area

Contents

WERMA Ltd.
Kettering
(UK)

WERMA SARL
Mions
(France)

WERMA USA Inc.
Norcross

WERMA
Signaltechnik
Neuhausen a. Rhf.
(Switzerland)

WERMA
BENELUX bvba
Sint-Denijs-Westrem
(Belgium)

WERMA Signaltechnik
Rietheim-Weilheim
(Germany)

WERMA Co., Ltd
Shanghai
(China)

WERMA Italia
Piacenza
(Italy)

WERMA Signaltechnik GmbH + Co. KG is a grow-ing international company with more than 390 employees at 8 locations. The family-owned company, founded in 1950, is a global market leader in signalling technology, and is also a global market and technology leader in signal-ling.

The company has established a new industrial standard with modular signal towers. Today, WERMA provides visual and acoustic signalling devices and related systems for process optimi-sation in industry and logistics. And WERMA takes signal technology one step further: Networking multiple signal devices creates solutions that help customers analyse and optimise produc-tion, logistics and assembly processes quickly and easily.

EUROPE'S LEADER IN SIGNALLING

The WERMA product range is completely tailored to the needs and applications of our customers from a range of industries.
Compatibility, maintenance and optimisation, with a unique level of quality: This is what we call intelligent signal technology.

Discover how easily the networking of machines, production logistics and manual workstations can work with our retrofit solutions. Thanks to WERMA, this gives you a clear overview at all times and to initiate the right process improvement steps. More on www.werma.com/network.

630/631

Modular Signal Tower Kombi*SIGN* 40 in Classic- or Design*LOOK* Ø 70 mm

CE	UK CA	EHI	c(UL)us	P 66/ 69k

10 20 30 Ø 40 mm	Tw**i**n*LIGHT*	Tw**i**n*FLASH*	a) 85 dB	b) 67-95 dB

c)
89-95 dB

Optical Signal Elements

- Twin*LIGHT*
- Twin*FLASH*
- Multicolour

Audible Signal Elements

- 2-Tone Siren [a]
- 4-Tone Siren [b]
- 8-Tone Siren [c]

Accessories

- Mounting for Base, Tube, Bracket and Single Hole Mounting
- Indication Board for all Mounting adapters

IO Link terminal element

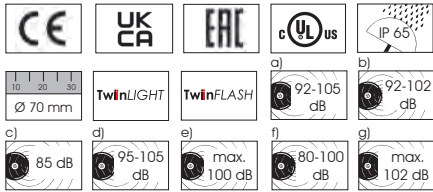| CE	UK CA	EHI	c(UL)us	P 66/ 69k

10 20 30 40 x 59	IO-Link

USB terminal element

CE	UK CA	EHI	c(UL)us	P 66/ 69k

10 20 30 40 x 59

645/647

Modular Signal Tower Kombi*SIGN* 72 in Classic- or Design*LOOK* Ø 70 mm

CE	UKCA	EAC	c(UL)us	IP 65	
Ø 70 mm	Tw**i**in*LIGHT*	Tw**i**in*FLASH*	a) 92-105 dB	b) 92-102 dB	
c) 85 dB	d) 95-105 dB	e) max. 100 dB	f) 80-100 dB	g) max. 102 dB	

Optical Signal Elements

- Twin*LIGHT*
- Twin*FLASH*

Audible Signal Elements

- 2-Tone Siren [a]
- 8-Tone Siren [b]
- Buzzer [c]
- Siren Element [d]
- Multi-functional Siren [e]
- Siren element with self-adjusting sound output [f]
- Vocal Elements [g]

Terminal Elements

- Terminal Element M12 (5 and 8 pole)

Accessories

- Mounting for Base, Tube, Bracket, Single Hole Mounting
- Indication Board (only for Tube Mounting), Info transparencies

IO Link Element

CE	UKCA	EAC	c(UL)us	IP 65
70 x 66	IO-Link			

AS-Interface Element

CE	UKCA	EAC	c(UL)us	IP 65
70 x 66				

640–645

Modular Signal Tower
Kombi*SIGN* 71 Ø 70 mm

CE   UK CA   EHL   c(UL)us   IP 65

Ø 70 mm	a) 92-102 dB	b) 85 dB	c) 95-105 dB
d) 100 dB	e) 80-100 dB	f) 102 dB	

Optical Signal Elements

- (LED) Permanent Light
- (LED) Flashing Light
- LED Permanent Light ultrabright
- LED EVS Element
- LED Blinking Light
- LED Rotating Light
- LED Permanent Light multicolour

Audible Signal Elements

- 8-Tone Siren [a]
- Buzzer [b]
- Siren Elements [c]
- Multi-functional Siren [d]
- Sounder with self-adjusting output [e]
- Vocal Elements [f]

Terminal Elements

- Terminal Element with USB Interface
- Terminal Element M12 (5 and 8 pole)

Accessories

- Mounting for Base, Tube, Bracket, Single Hole Mounting
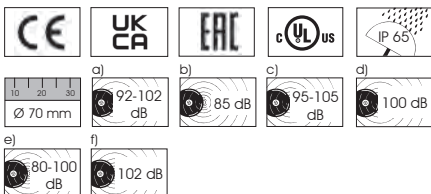- Indication Board (only for Tube Mounting), Info transparencies

AS-Interface Element

CE   UK CA   EHL   c(UL)us   IP 65

70 x 66

IO Link Element

CE   UK CA   EHL   c(UL)us   IP 65

70 x 66   IO-Link

Andon*LIGHT*

EAC | IP 30

Andon Smart*BOX*

CE | UK CA | EAC | IP 30

Andon*CONTROL*/
Connection Set

CE | EAC | IP 20

Andon*WIRELESS*

CE | UK CA | IP 30

Kombi*SIGN* reflect

CE | UK CA | EAC | (UL) | IP 65

649

CO$_2$ Traffic Light

$C\epsilon$ UK CA   IP 20

Variants

- 1000 ppm
- 800 ppm
- 1000 ppm UK/AU

698/699

LED Signal Tower KOMPAKT 37 (1-5 tiers) with Classic*LOOK*

CE | UKCA | EHC | c(UL)us | IP 65

699
Ø 37,5 mm | 85 dB
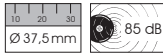
698/699

LED Signal Tower KOMPAKT 37 (1-5 tiers) with Design*LOOK*

CE | UKCA | EHC | c(UL)us | IP 65

699
Ø 37,5 mm | 85 dB
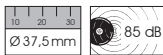
694

LED Signal Tower de*SIGN* 42 (2/3 tiers)

CE | UKCA | EHC | IP 65 | Ø 42 mm

657

e*SIGN* - electronically modular signal tower

CE | UK CA | EHC | c(UL)us | IP 66/69k

10 20 30 | 72,5 x 271 72,5 x 371,5 | 105 dB | IO-Link

Variants

- 24V
- IO Link

695

LED Signal Tower Clean*SIGN* for Wall, Base or Ceiling Mounting

CE | UK CA | EHC | IP67/IP69k | 85 dB

WM 10 20 30 112x485x125 | BM/CM 10 20 30 112x391x125 | IPA Fraunhofer

691

LED Signal Tower Flat*SIGN* with transparent housing

CE | UK CA | EHC | (UL) | IP 65

10 20 30 105x195x45 | 80 dB

691

LED Signal Tower Flat*SIGN* in silver finish

CE	UK CA	EAC	(UL)	IP 65

10 20 30 105x195x45	80 dB

690

LED Signal Tower Vario*SIGN*

CE	UK CA	EAC	IP 65	85 dB

10 20 30 62x220x90

G3/E1/V1/1F13

230

LED Installation Beacon M20

$\boxed{C\,\epsilon}$ $\boxed{\text{UK} \atop \text{CA}}$ $\boxed{\text{EHL}}$ $\boxed{c\,(\text{UL})\,\text{us}}$ $\boxed{\text{IP 65}}$

$\boxed{\text{10 20 30} \atop \text{29 x 32}}$

231

LED Installation Beacon M22

$\boxed{C\,\epsilon}$ $\boxed{\text{UK} \atop \text{CA}}$ $\boxed{\text{EHL}}$ $\boxed{c\,(\text{UL})\,\text{us}}$ $\boxed{\text{IP 65}}$

$\boxed{\text{10 20 30} \atop \text{29 x 32}}$

232

Installation Flashing Beacon M22

$\boxed{C\,\epsilon}$ $\boxed{\text{UK} \atop \text{CA}}$ $\boxed{\text{EHL}}$ $\boxed{\text{IP 65}}$ $\boxed{\text{10 20 30} \atop \text{29 x 32}}$

$\boxed{1 \text{ Ws}}$

239

LED Installation Beacon (Multicolour) M22

$\boxed{C\,\epsilon}$ $\boxed{\text{UK} \atop \text{CA}}$ $\boxed{\text{EHL}}$ $\boxed{\text{IP 65}}$ $\boxed{\text{10 20 30} \atop \text{50 x 22}}$

$\boxed{\text{5 colours in} \atop \text{one beacon}}$

240

LED Installation Beacon (Multicolour/MC55) M30

CE | UK CA | EAC | c(UL)us | IP 69K

10 20 30
55 x 46 | 7 or 3 colours in one beacon

241

LED Installation Beacon (Multicolour/MC35) M22

CE | UK CA | EAC | c(UL)us | IP 69K

10 20 30
35 x 64 | 7 or 3 colours in one beacon

260

Evo*SIGNAL* – Mini

CE | UK CA | EAC | c(UL)us | IP 66

10 20 30
62 x 85 | Tw**in***LIGHT* | Tw**in***FLASH*

Variants

- Twin*LIGHT*
- Twin*FLASH*
- Tri*COLOUR*

Mounting adapter (always required)

- Base mounting
- Installation mounting M22
- Installation mounting PG29
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting

800/801/802

Installation Beacon
Ø 37 mm (PG29)

CE | UKCA | EHI | c(UL)us | IP 65

802

10 20 30 / 57 x 54 | 1 Ws
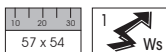
Variants

- (LED) Permanent Beacon
- Flashing Beacon

816

LED Beacon (Multicolour) with
USB Interface Ø 37 mm (PG29)

CE | UKCA | EHI | IP 65 | 10 20 30 / 75 x 66

More than 200,000 colours in one beacon | 20J

261

Evo*SIGNAL* – Midi

CE | UKCA | EHI | c(UL)us | IP 66

10 20 30 / 85 x 130 | **Tw**in*LIGHT* | **Tw**in*FLASH*

Variants

- Twin*LIGHT*
- Twin*FLASH*
- Tri*COLOUR*
- Rotating Light

Mounting adapter (always required)

- Base mounting
- Base mounting with cable gland
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting
- Horn

262

Evo*SIGNAL* – Maxi

CE | UK CA | EHI | c(UL)us | IP 66

10 20 30 | 120 x 173 | Twin*LIGHT* | Twin*FLASH*

Variants

- Twin*LIGHT*
- Twin*FLASH*
- Rotating Light

Mounting adapter (always required)

- Base mounting
- Base mounting for cable exit at side
- Bracket mounting with cable gland
- Bracket mounting with concealed cable entry

806

Monitorable LED Permanent Beacon

CE | UK CA | EHI | c(UL)us | IP 65

10 20 30 | 70 x 97

829

Monitored LED Permanent Beacon

CE | UK CA | EHI | c(UL)us | IP 65

10 20 30 | 98 x 137

883/884/885

Rotating Mirror Beacon LED/ Revolving Signal Beacon LED

CE UKCA EHC IP 65 142 x 218 20J

Variants

- LED Rotating Mirror Beacon (883, 885)
- LED Revolving Signal Beacon (884)

280

LED Obstruction Light Low-intensity Type A and B

CE UKCA EHC IP 65 142 x 218

281

LED Obstruction Light Low-intensity Type A and B

CE UKCA EHC IP 66/IP 68 165 x 205

Beacons & Traffic Lights

839

Heavy Duty Beacons

| CE | UK CA | EAC | IP67 | 10 20 30 / 153 x 189 |

| 15 Ws |

Variants

- Double Flash Beacon
- LED Permanent Beacon
- LED Rotating Beacon

853

Flex*SQUARE* Traffic Light

| CE | UK CA | EAC | IP 67 | 10 20 30 / 85 x 85 x 72 |

853

Flex*SQUARE*

| CE | UK CA | EAC | IP67 | 10 20 30 / 85 x 72 x 85 |
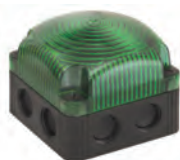
Variants

- LED Permanent Beacon
- LED Double Flash Beacon
- LED EVS Beacon

890

(LED) Permanent/Traffic Light

| CE | UK CA | EAC | IP 65 | 150 x 154 |

895/897

Permanent/Double Flash Light

| CE | UK CA | EAC | IP 65 | 150 x 148 |

897

| 15 Ws |

894

LED Beacon/ LED Traffic Light

| CE | UK CA | EAC | IP65/ IP69k | Ø 85 mm |

Variants

- Clear lens
- Coloured lens

107

Electronic Installation Buzzer M22

CE | UKCA | EHI | c(UL)us | IP 65

10 20 30 | 80 dB
28 x 12 | (10 cm)

109

Electronic Installation Buzzer M22

CE | UKCA | EHI | c(UL)us | IP 65

10 20 30 | 80 dB
52 x 35

110

Electronic Installation Multi-Tone Sounder M22

CE | UKCA | EHI | c(UL)us | IP 65

10 20 30 | 100 dB | 8 ♫
72 x 40

111

Electronic Installation Buzzer M22

CE | UK CA | EAC | IP 65 | 50 x 22

80 dB

338

AC Installation Buzzer

EAC | 23x18,5x35 | 65-75 dB

114

Electronic Installation Buzzer
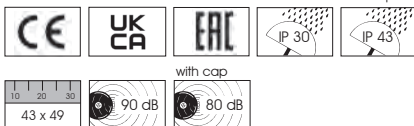
CE | UK CA | EAC | IP 30 | 42,5 x 10

85 dB

118/119

Electronic Installation Buzzer

CE | UKCA | EAC | IP 30 | with cap IP 43

43 x 49 | 90 dB | with cap 80 dB

160

Evo*SIGNAL* – Mini

CE | UKCA | EAC | c(UL)us | IP 66

62 x 85 | 95 dB

Mounting adapter (always required)

- Base mountinge
- Installation mounting M22
- Installation mounting PG29
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting

161

Evo*SIGNAL* - Midi
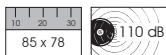
CE | UK CA | EAC | c(UL)us | IP 66

85 x 78 | 110 dB

Mounting adapter (always required)

- Base mounting
- Base mounting with cable gland
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting
- Horn

123

Electronic Siren

CE | UK CA | EAC | IP 54 | 54x67x67

105 dB

126

Electronic Multi-Tone Sounder

CE | UKCA | EHI | IP 33 | 70x79,5x77

up to 105 dB | 126 / 4

570

Electromechanical Signal Horn

CE | UKCA | EHI | IP 55 | 148x350x152

108 dB

573

Electromechanical Signal Horn

CE | UKCA | EHI | IP 65 | 104x232x232

105 dB

574

Electronic Signal Horn

CE	UK CA	EAC	c(UL)us	IP 65

10 20 30	108 dB
134 x 340	

575

Electronic Signal Horn

CE	UK CA	EAC	c(UL)us	IP 65

10 20 30	108 dB
134 x 169	

140

Multi-Tone Sounder

CE	UK CA	EAC	IP 65	10 20 30
				100 x 110

up to 115 dB	32 ♪

144

Multi-Tone Sounder

CE | UKCA | EAC | IP 65 | 109 x 150 x 113

110 dB | 32 ♪

153

Siren

CE | UKCA | EAC | IP 66 | 85 x 85 x 72

105 dB | 12 V, 24 V — 8 ♪ | 48 V, 115-230 V — 1 ♪

154

Vocal alarm

CE | UKCA | EAC | IP 65 | 111 x 98 x 111

110 dB

190

Multi-Tone Sounder

CE	UK CA	EAC	IP 65	150 x 127

110 dB | 32 ♪

190

Vocal alarm

CE	UK CA	EAC	IP 65	150 x 148

110 dB

129

Electronic Multi-Tone-Sounder

CE	UK CA	EAC	IP 67	143x161x161

up to
110 dB | 31 ♪

139

Electronic Multi-Tone Sounder

$\mathsf{C}\mathsf{\epsilon}$ | UKCA | EAC | IP 66 | 136x108x119

105 dB | 32 ♪

141

Electronic Multi-Tone Sounder

$\mathsf{C}\mathsf{\epsilon}$ | UKCA | EAC | IP 66 | 165x136x132

110 dB | 32 ♪

142

Electronic Multi-Tone Sounder

$\mathsf{C}\mathsf{\epsilon}$ | UKCA | EAC | IP 66 | 168x168x155

120 dB | 42 ♪

914

Alarm Bell

CE UK CA EAC IP 66 167 x 76

98 dB

150

LED/Buzzer Combination

CE | UK CA | EHI | c(UL)us | IP 65

50 x 22 | 80 dB

450

LED/Buzzer Combination with acknowledgement function

CE | UK CA | EHI | c(UL)us | IP 65

50 x 22 | 80 dB

240

LED Installation Beacon (Multicolour/MC55) M30

CE | UK CA | EHI | c(UL)us | IP 69K

55 x 46 | 85 dB

241

LED Installation Beacon (Multicolour/MC35) M22

CE | UK CA | EHI | c(UL)us | IP 69K

35 x 64 | 85 dB

460

Evo*SIGNAL* – Mini

CE | UK CA | EAC | c(UL)us | IP 66
62 x 85 | 95 dB | Twin*LIGHT* | Twin*FLASH*

Variants

- Twin*LIGHT*
- Twin*FLASH*

Mounting adapter (always required)

- Base mountinge
- Installation mounting M22
- Installation mounting PG29
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting

461

Evo*SIGNAL* – Midi

CE | UK CA | EAC | c(UL)us | IP 66
85 x 130 | 95 dB | Twin*LIGHT* | Twin*FLASH*

Variants

- Twin*LIGHT*
- Twin*FLASH*

Mounting adapter (always required)

- Base mounting
- Base mounting with cable gland
- Tube mounting
- Bracket mounting with cable gland
- Bracket mounting
- Horn

Optical-audible combinations

430/431

Optical-Audible Combination for Base Mounting
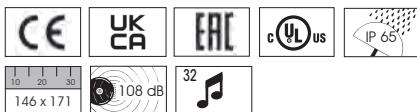
CE	UK CA	EHC	c(UL)us	IP 65

146 x 171 | 108 dB | 32 ♪

Variants

- LED/Multi-Tone Sounder Combination
- LED Permanent/Flashing/EVS/ Multi-Tone Sounder Combination

432/433

Optical-Audible Combination for Bracket Mounting
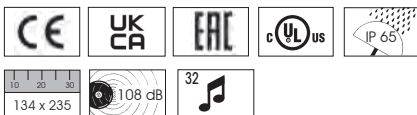
CE	UK CA	EHC	c(UL)us	IP 65

134 x 235 | 108 dB | 32 ♪

Variants

- LED/Multi-Tone Sounder Combination
- LED Permanent/Flashing/EVS/ Multi-Tone Sounder Combination

434/435

Optical-Audible Combination for Bracket Mounting

CE	UK CA	EHC	c(UL)us	IP 65

134x407x144 | 108 dB

Variants

- LED/Horn Combination
- LED Permanent/Flashing/EVS/ Horn Combination

444

Optical-Audible Combination

CE | UKCA | EAC | IP 65 | 109x150x112
110 dB | 32

Variants

- LED Double Flash/Multi-Tone Combination
- LED EVS/Multi Tone Combination

439

Flash/Multi-Tone Combination

CE | UKCA | EAC | IP 66 | 136x138x119
105 dB | 32 | 1,6 Ws

441

Flash/Multi-Tone Combination

CE | UKCA | EAC | IP 66 | 165x169x132
110 dB | 32 | 2,5 Ws

442

Flash/Multi-Tone Combination

CE | UKCA | EAC | IP 66 | 168x211x155
120 dB | 42 | 2/3,5 Ws

890/190

(LED) Beacon 890/Multi-Tone Sounder 190 Combination

CE UK CA EAC IP 65 110 dB 32 ♪

853/153

(LED) Beacon 853/Sounder 153 Combination

CE UK CA EAC

IP 65 105 dB 12 V, 24 V 8 ♪ 48 V, 115-230 V 1 ♪
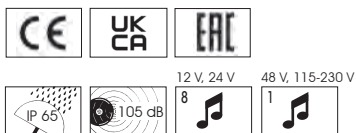
Key to Pictograms

Protection rating
acc. to EN 60 529

Diameter in mm
(Signal Towers)

Dimensions / protrusion from panel in
mm (Ø x Height / L x H x W)

Flash energy in
watt seconds (Joules)

Number of tones

Volume in decibels
(dB (A))

Products in compliance with the AS-Interface specifications; certified by
AS-International Association

All WERMA products bearing the CE mark conform to current EU regulations
and are tested for adherence to EMC codes.

The UKCA mark (UKCA = UK Conformity Assessed) is the new UK product marking
required for certain products placed on the market in the UK (England, Wales and
Scotland). It affects most products that previously required the CE mark.

This mark confirms that the product is suited
for the intended application

The EAC symbol confirms that the product has undergone the conformity
procedures and has met its technical requirements.

Fraunhofer-Institut – Certificate for chemical resistance and suitability for
use in clean rooms

ICAO (International Civil Aviation Organisation)

Products with this mark have been tested and registered by UL for the North
American market. This certification is also valid for Canada. The WERMA
production facility is audited by UL.

EVS (Enhanced Visibility System) is a stochastic flickering light with optimal
attention-grabbing characteristics developed on neuro-biological foundations

Combines two light effects in one product (also suitable for use as escalation
levels). Twin*LIGHT*: Permanent and Blinking Light

Combines two light effects in one product (also suitable for use as escalation
levels). Twin*FLASH*: Flash and EVS

WERMA offers three signal tower solutions with the standardised IO-Link
technology to enable sensor/actuator communication.

Epilepsy warning: People who suffer from photosensitive epilepsy may suffer
epileptic fits or other loss of consciousness if exposed to certain types of
flashing lights or other light effects. This might also occur in people who thus
far have not suffered any sort of epileptic fit.