



241 LED Multicolour Beacon MC35

Technical information	
Dimensions (Ø x H)	35 mm x 33 mm (built in)
Housing	PC, black
Lens	PC, transparent
Mounting	Installation mounting M22
Life duration light	Up to 50,000 h
Life duration buzzer	Up to 5,000 h
Operating temperature min./max.	-20°C / +50°C

QUICK FINDER MC35

	MC 35 Installation mounting M22					
	MC35 Standard				MC35 IO-Link	
Protection rating	IP 65/69k				IP 65/69k	
Acoustics	with buzzer		without buzzer		with buzzer	without buzzer
Sound output	85 dB (A)				85 dB (A)	
Tone types	Permanent tone				Multitone*	
Colour options	Tricolour (RGY)	Multicolour (RGB)	Tricolour (RGY)	Multicolour (RGB)	Multicolour (> 1 million colours)	Multicolour (> 1 million colours)
Light effect	Permanent light				Permanent, Blinking, Flashing, Pulse light	
Voltage	24 V DC	10-30 V DC	24 V DC	10-30 V DC	18-30 V DC	
Connection	M 12 5 Pin				M 12 4 Pin	
Order no.	241 440 55	241 340 50	241 420 55	241 320 50	241 510 01	241 510 00

* 10 tones software-controlled

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LED Multicolour Beacon MC55/MC35

QUICK FINDER 240 LED MULTICOLOUR BEACON MC55 STANDARD/SMART/IO-LINK

	MC55 Installation mounting M30															
	MC55 (Standard without UL)								MC55 (Standard) 				MC55 IO-Link 		MC55 Smart 	
Dimensions (Ø x H)	55 mm x 46 mm (built in)								55 mm x 46 mm (built in)							
Housing/Lens	PC/ABS-Blend, black/PC, transparent								PC, black/ PC, transparent							
Protection rating	IP 65								IP 65/69k							
Acoustics	with buzzer				without buzzer				with buzzer		without buzzer		with buzzer		without buzzer	
Sound output	85 dB (A)															
Tone types	Pulse tone, 3400 Hz								Pulse tone, 3400 Hz		Multitone***		Multitone***			
Colour options	Tricolour (RGY)		Multicolour (RGB)		Tricolour (RGY)		Multicolour (RGB)								Tricolour (RGY)	Multicolour (RGB)
Light effect	Permanent light				*		Permanent light				*					
Voltage	24 V DC		10-30 V DC		24 V DC		10-30 V DC		Permanent light				Permanent, Blinking, Flashing, Pulse light			
Connection	M 12 5 Pin	Cable	M 12 5 Pin	Cable	M 12 5 Pin	Cable	M 12 5 Pin	Cable	24 V DC	10-30 V DC	24 V DC	10-30 V DC	18-30 V DC		24 V DC	
									M 12 5 Pin				M 12 4 Pin		M 12 5 Pin	
Order no.	240 240 55	240 230 55	240 140 50	240 130 50	240 220 55	240 210 55	240 120 50	240 110 50	240 440 55	240 340 50	240 420 55	240 320 50	240 510 01	240 510 00	240 520 01	240 520 00

* Permanent, Blinking light
** more than 1 million colours
*** Permanent, Pulse, Sweep, Alternating



MC55 Standard / with and without buzzer / various mounting options



MC55 High / with and without buzzer / various mounting options



MC55 Touch / with and without buzzer / installation mounting

Further information	
Life duration light	Up to 50,000 h
Life duration buzzer	Up to 5,000 h
Operating temperature min./max.	-20°C / +50°C

APPLICATION & USE

The MC series is available in several sizes and mounting types:

- > MC35 has a diameter of 35 mm and is available for installation mounting.
- > MC55 has a diameter of 55 mm and is available for installation mounting.
- > MC55 Touch has a diameter of 55 mm and is available for installation mounting.
- > MC55 High has a diameter of 55 mm with a higher dome for better visibility and is available for installation, tube and base mounting.

MC55 Touch & MC55 Touch Smart

The MC55 series stands for maximum flexibility and smart solutions in industrial applications. Both variants offer intuitive operation through status changes by touch, acknowledgement and time-based escalation modes.

Typical applications:

- > Acknowledgement of machine failures
Visual and audible alarms signal malfunctions. With a simple touch, the operator acknowledges the alarm and sends a feedback signal to the control system.
- > Start/stop of machine cycles
A tap of the finger is all it takes to start or stop machine cycles – safely and directly.
- > Control of peripheral devices
Up to 200 mA can be switched directly, for example for external signal transmitters or additional devices.
- > Time-based escalation
In the event of malfunctions, such as a conveyor belt stalling, the MC55 first activates a visual signal. If there is no response, an audible alarm automatically follows after a defined period of time.

Smart – the configurable solution

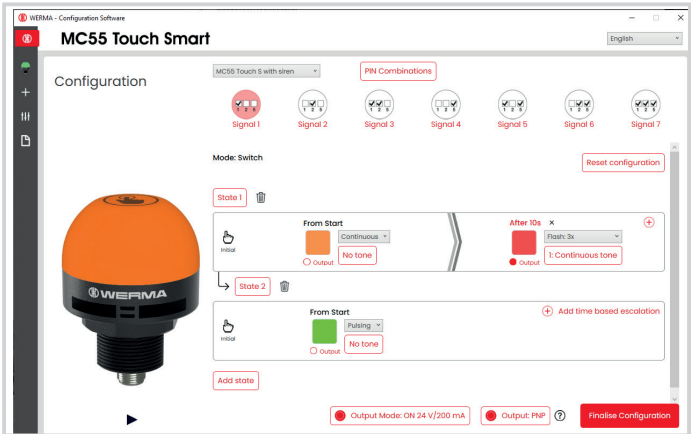
The Smart version goes one step further:

- > Freely adjustable colours, light patterns (continuous, flashing, strobe or pulsed light) and tones
- > Choice of pulse signal or 24V circuit
- > Individual adjustment of product behaviour via software

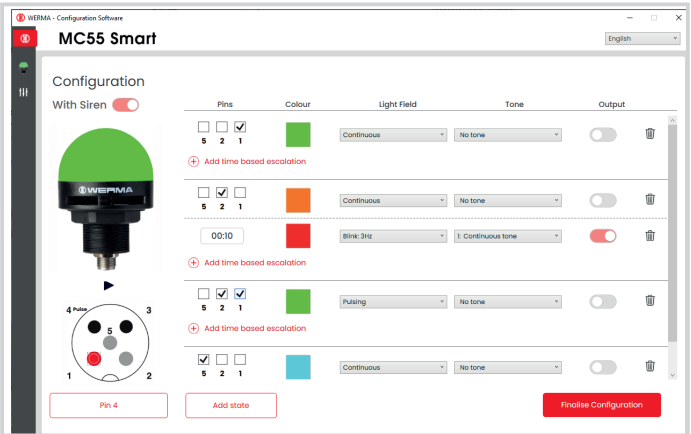
QUICK FINDER 240 LED MULTICOLOUR BEACON MC55 TOUCH/TOUCH SMART/TOUCH IO-LINK

	MC55 Touch Installation mounting M30							
	MC55 Touch 				MC55 Touch Smart 		MC55 Touch IO-Link 	
Dimensions (Ø x H)	55 mm x 44 mm (built in)							
Housing/Lens	PC, black/PC, transparent							
Protection rating	IP 65/69k							
Acoustics	with buzzer		without buzzer		with buzzer		with buzzer	
Sound output	85 dB (A)				85 dB (A)		85 dB (A)	
Tone types	Permanent tone				10 tones*		10 tones*	
Colour options	Tricolour (RGY)				Multicolour**			
Light effect	Permanent light				Permanent, Blinking, Flashing, Pulse light			
Voltage	24 V DC						18-30 V DC	
Connection	NPN	PNP	NPN	PNP	M 12 5 Pin		M 12 4 Pin	
Order no.	240 270 55	240 290 55	240 260 55	240 280 55	240 170 55	240 160 55	240 510 03	240 510 02

* Permanent, Pulse, Sweep, Alternating
** more than 1 million colours



MC55 Touch Smart - Configuration software



MC55 Smart - Configuration software