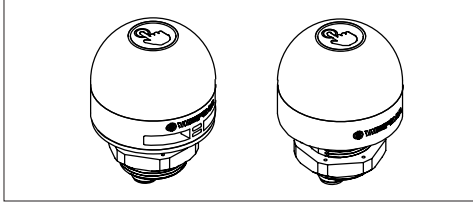
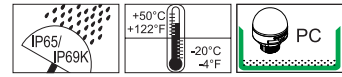


MC55 Touch Multicolour Beacon

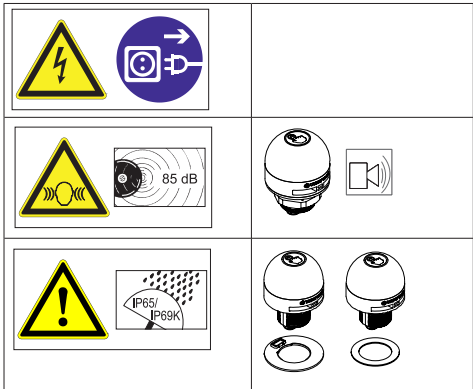


- DE Anschluss **ausschließlich** durch ausgebildete Elektro-Fachkräfte.
- GB Electrical connection is to be made by trained electrical specialists **only**.
- FR Le branchement doit **uniquement** être effectué par des professionnels.
- IT Il collegamento deve essere eseguito **solo** da elettricisti specializzati.
- ES La conexión **sólo** debe ser realizada por electricistas debidamente formados.
- PT A ligação deve ser feita **exclusivamente** por profissional elétrico especializado.
- NL De aansluiting mag **enkel** gebeuren door erkende vakmensen.
- CZ Připojení smí **provádět** pouze kvalifikovaný personál.
- PL Podłączenie **wyłącznie** przez specjalistów-elektryków.
- FI Liittäminen kuuluu **ainoastaan** koulutettujen sähköalan ammattilaisten tehtäviin.
- RU Подключение проводится только специалистом-электриком.
- TR Bağlantı **sadece** eğitimli elektrik teknisyenleri tarafından yapılmalıdır.
- CN 布线需由专业电工执行。

© DE

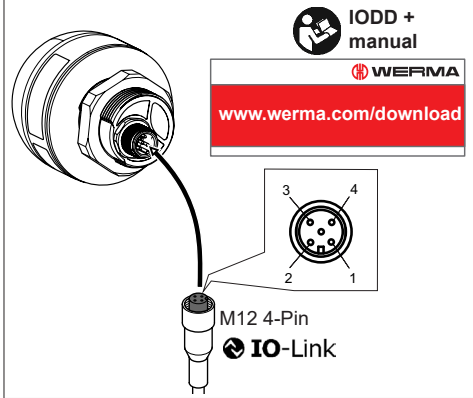


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www.werma.com



For UL use, a Class 2 power supply or a voltage source with a fuse according to UL 248 (JDYX2/8) must be used. The fuse shall be rated max. T 1.25 A and shall be installed in the 24 V DC power supply to the device in order to limit the available current. This fuse shall be installed by the installer.

MC55 Touch IO-Link			
Description	Material number	Limited Voltage	Current
MC55 Touch IO-Link	240 510 02	18 - 30 V DC	$I \leq 55 \text{ mA @ } 24 \text{ V}$ $I_0 < 350 \text{ mA}$
MC55 Touch IO-Link	240 510 03	18 - 30 V DC	$I \leq 55 \text{ mA @ } 24 \text{ V}$ $I_0 < 350 \text{ mA}$



M12 pin	MC55 Touch IO-Link	M12 pin	MC55 Touch IO-Link
1	L+	3	L-
2	+24 V (optional)	4	C/Q

MC55 Touch S				
Description	Material number	Limited Voltage	Current	Max. Load
MC55 Touch S Permanent	240 160 55	24 V DC	$I \leq 60 \text{ mA}$ $I_0 < 660 \text{ mA}$	200 mA
MC55 Touch S Permanent	240 170 55	24 V DC	$I \leq 70 \text{ mA}$ $I_0 < 660 \text{ mA}$	200 mA

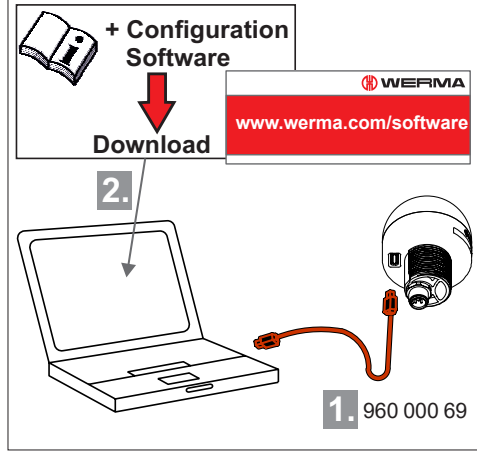
PNP

NPN

Pin					Function
1	2	3	4	5*	
(±)V	NC	(±)	Config with software either 24 V ON or 100 ms Pulse	NC	Config Colour, Light Pattern and Sound with Software
NC	(±)V			NC	
NC	NC			(±)V	
(±)V	(±)V			NC	
(±)V	NC			(±)V	
NC	(±)V			(±)V	
(±)V	(±)V			(±)V	

For Details see Manual www.werma.com/download

- no input -> no touch action.
NC = not connected



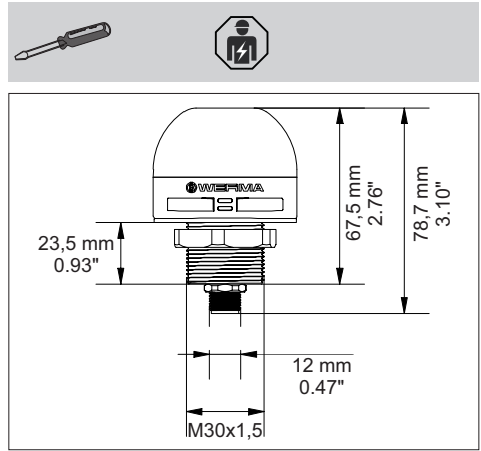
MC55 Touch				
Description	Material number	Limited Voltage	Current	Max. Load
MC55 Touch Permanent - NPN	240 260 55	24 V DC	$I \leq 45 \text{ mA}$ $I_0 < 700 \text{ mA}$	200 mA
MC55 Touch Permanent - NPN	240 270 55	24 V DC	$I \leq 55 \text{ mA}$ $I_0 < 700 \text{ mA}$	200 mA
MC55 Touch Permanent - PNP	240 280 55	24 V DC	$I \leq 45 \text{ mA}$ $I_0 < 700 \text{ mA}$	200 mA
MC55 Touch Permanent - PNP	240 290 55	24 V DC	$I \leq 55 \text{ mA}$ $I_0 < 700 \text{ mA}$	200 mA

PNP

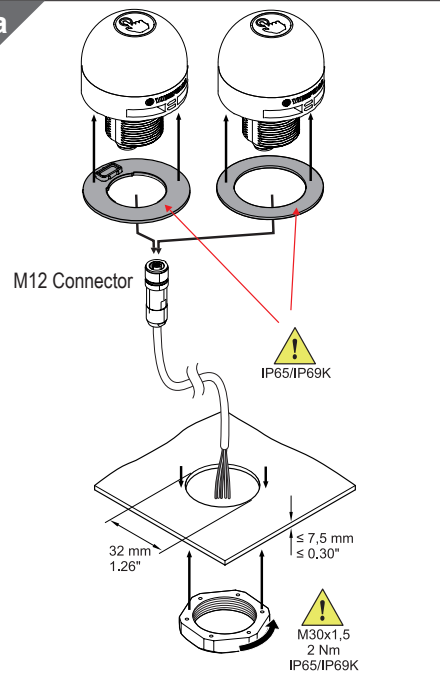
NPN

Pin					Colour
1	2	3	4	5*	
NC	(±)V	(±)	Maintained when touched, but min. 100 ms Pulse	(±)V	RD
(±)V	NC			(±)V	GN
(±)V	(±)V			(±)V	YE

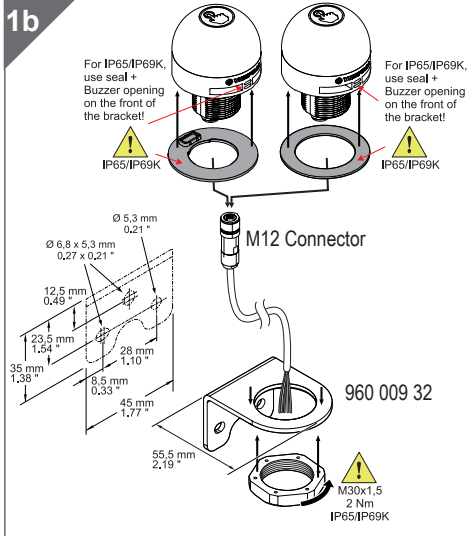
* 240 270 55, 240 290 55
- no input -> no touch action.
NC = not connected



1a



1b



Marking of Hazardous Substances

有害物质标识

WERMA Signaltechnik GmbH + Co. KG
Dürbheimer Straße 15
78604 Rietheim-Weilheim / Germany

WERMA article number 伟马快播物料号:

241 510 00, 240 510 00, 240 510 02, 240 520 00, 241 220 55, 241 320 50, 241 420 55, 240 320 50, 240 420 55
240 240 55, 240 280 55, 240 160 55, 240 600 09, 240 600 11, 240 610 02, 240 620 02

According to the SJ/T 11364-2024 Standard of the People's Republic of China for the Electronic Industry

本表格依据中华人民共和国 SJ/T 11364-2024 的规定编制

Component Name 部件名称	Lead 铅(Pb)	Mercury 汞(Hg)	Cadmium 镉(Cd)	Hexavalent Chromium 六价铬(Cr [VI])	Polybrominated biphenyls 多溴联苯(PBB)	Polybrominated diphenyl ethers 多溴二苯醚(PBDE)	4 phthalates (DBP, DEHP, BBP, DIBP)	4 phthalates (DBP, DEHP, BBP, DIBP)
Plastic parts 塑料件	○	○	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○	○	○
PCB and its electr. comp. 印制电路板及其电子元件	X*	○	○	○	○	○	○	○
M12 plug and cable M12 插头和电缆	X*	○	○	○	○	○	○	○

1500 0000 4595 - AA

1/2

This table was developed according to the provisions of SJ/T 11364-2024
本表格依据 SJ / T 11364-2024 的规定编制

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572-2011.
表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572-2011 规定的限量要求以下。

X: The content of such hazardous substance in all homogeneous materials of such component is beyond the limit required by GB/T 26572-2011.
表示该有害物质在该部件的所有均质材料中的含量超出 GB/T 26572-2011 规定的限量要求。

Enterprises may further explain the technical reasons for ticking "X" in the table above according to their actual situation herein.
企业可在此处, 根据实际情况下表中打"X"的技术原因进行进一步说明。

*Exemptions according to EU RoHS 2011/65 Annex II and IV might be applied
*欧盟 RoHS 2011/65 附件 II 和 IV 的豁免可能适用

■ Restricted substances beyond limit required by GB/T 26572-2011.

限制物质的含量超过 GB/T 26572-2011 规定的限制

EFUP (Environment Friendly Use Period) 环保使用期限: 20

Rietheim 里希姆 12.03.2026
Place and date of issue 签发地点和日期

i.v. 授权 D. Kensy
Director R&D 研发总监

ppa. D. Kensy
Director R&D

1500 0000 4595 - AA

2/2

Marking of Hazardous Substances

有害物质标识

WERMA Signaltechnik GmbH + Co. KG
Dürbheimer Straße 15
78604 Rietheim-Weilheim / Germany

WERMA article number 伟马快播物料号:

240 170 55, 240 270 55, 240 290 55, 240 340 50, 240 440 55, 240 510 01, 240 510 03, 240 520 01, 240 600 10, 240 600 12,
240 610 03, 240 620 03, 241 240 55, 241 340 50, 241 440 55, 241 510 01

According to the SJ/T 11364-2024 Standard of the People's Republic of China for the Electronic Industry

本表格依据中华人民共和国 SJ/T 11364-2024 的规定编制

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Plastic parts 塑料件	○	○	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○	○	○
PCB and its electr. comp. 印制电路板及其电子元件	X*	○	○	○	○	○	○	○
Buzzer 蜂鸣器	X*	○	○	○	○	○	○	○
M12 plug and cable M12 插头和电缆	X*	○	○	○	○	○	○	○

1500 0000 4951 - 00

1/2

This table was developed according to the provisions of SJ/T 11364-2024
本表格依据 SJ / T 11364-2024 的规定编制

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572-2011.
表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572-2011 规定的限量要求以下。

X: The content of such hazardous substance in all homogeneous materials of such component is beyond the limit required by GB/T 26572-2011.
表示该有害物质在该部件的所有均质材料中的含量超出 GB/T 26572-2011 规定的限量要求。

Enterprises may further explain the technical reasons for ticking "X" in the table above according to their actual situation herein.
企业可在此处, 根据实际情况下表中打"X"的技术原因进行进一步说明。

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*欧盟 RoHS 2011/65 附件 II 和 IV 的豁免可能适用

■ Restricted substances beyond limit required by GB/T 26572-2011.

限制物质的含量超过 GB/T 26572-2011 规定的限制

EFUP (Environment Friendly Use Period) 环保使用期限: 10

Rietheim 里希姆 19.03.2026
Place and date of issue 签发地点和日期

ppa. D. Kensy
Director R&D

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2/2

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