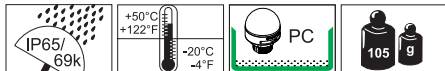
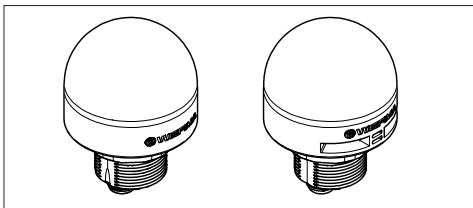


MC55 RGB, RGY, IO-Link & Smart



UK CA WERMA (UK) Ltd.,
NN15 6FD,
United Kingdom



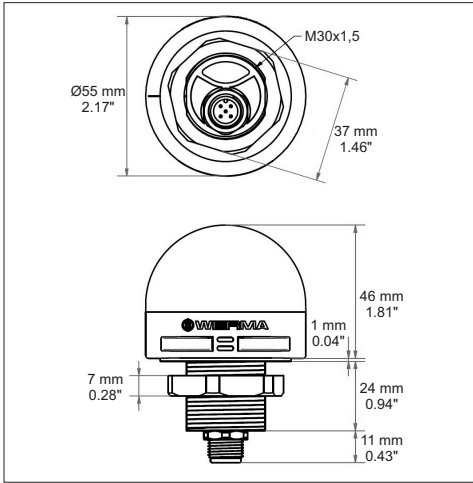
- Ⓔ Anschluss **ausschließlich** durch ausgebildete Elektro-Fachkräfte.
- ⒼⒷ Electrical connection is to be made by trained electrical specialists **only**.
- ⒻⓇ Le branchement doit **uniquement** être effectué par des professionnels.
- Ⓣ Il collegamento deve essere eseguito **solo** da elettricisti specializzati.
- ⒺⓈ La conexión **sólo** debe ser realizada por electricistas debidamente formados.
- ⓅⓉ A ligação deve ser feita **exclusivamente** por profissional elétrico especializado.
- ⓃⓁ De aansluiting mag **enkel** gebeuren door erkende vakmensen.
- ⒸⓏ Připojení smí **provádět** pouze kvalifikovaný personál.
- ⓅⓁ Podłączenie **wyłącznie** przez specjalistów-elektryków.
- ⒻⓁ Liittäminen kuuluu **ainoastaan** koulutettujen sähköalan ammattilaisten tehtäviin.
- ⓇⓊ Подключение проводится только специалистом-электриком.
- ⒻⓇ Bağlantı **sadece** eğitimli elektrik teknisyenleri tarafından yapılmalıdır.
- ⒸⓃ 布线需由专业电工执行。

UL LISTED 240 520 00 / 240 520 01

The limited voltage/current source must comply with the following:

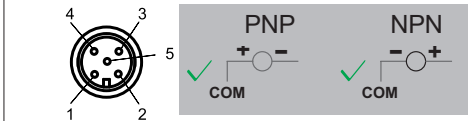
For UL use, a Class 2 power supply or a voltage source with a fuse according to UL 248 (JDYX2/8) must be used.

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 RGB Permanent

Description	Material number	Limited Voltage	Current
MC55 RGB permanent	240 320 50	10 - 30 V DC	I=100 mA, I ₀ <1000 mA
MC55 RGB permanent	240 340 50	10 - 30 V DC	I=105 mA, I ₀ <1000 mA

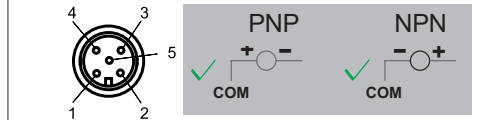


Pin					Colour
1	2	3 Com	4	5*	
NC	NC	(±)	(±)V	*	RD
(±)V	NC		NC		GN
(±)V	NC		(±)V		YE
NC	(±)V		NC		BU
(±)V	(±)V	*	(±)V	*	WH
NC	(±)V		(±)V		VT
(±)V	(±)V		NC		TQ

* 240 340 50
NC = not connected

MC55 RGY Permanent

Description	Material number	Limited Voltage	Current
MC55 RGY permanent	240 420 55	24 V DC	I≤42 mA, I ₀ <750 mA
MC55 RGY permanent	240 440 55	24 V DC	I≤60 mA, I ₀ <750 mA

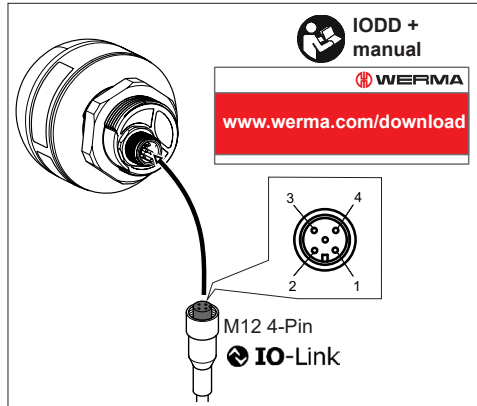


Pin					Colour
1	2	3 Com	4	5*	
NC	NC	(±)	(±)V	*	RD
(±)V	NC		NC		GN
NC	(±)V		NC		YE

* 240 440 55
NC = not connected

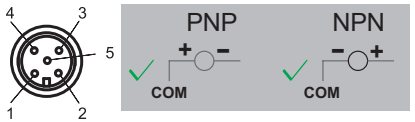
MC55 RGB IO-Link

Description	Material number	Limited Voltage	Current
MC55 RGB IO-Link	240 510 00	18 - 30 V DC	I≤55 mA, I ₀ <350 mA
MC55 RGB IO-Link	240 510 01	18 - 30 V DC	I≤55 mA, I ₀ <350 mA



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

MC55 RGB Smart				
Description	Material number	Limited Voltage	Limited Current	Max. Load (Switch Mode)
MC55 RGB Smart	240 520 00	24 V DC	60 mA	200 mA
MC55 RGB Smart	240 520 01	24 V DC	70 mA	200 mA



Pin	1	2	3	4	5*	Function
	Com	Output/ Input				
(±)V	NC	Configurable as Input or Output with Software	(±)	Configurable as Input or Output with Software	NC	For details see Manual www.werma.com/download
NC	(±)V				NC	
NC	NC				(±)V	
(±)V	(±)V				NC	
(±)V	NC				(±)V	
NC	(±)V	(±)V	NC	(±)V	(±)V	(±)V

NC = not connected

+ Configuration Software

Download www.werma.com/software

1. 960 000 69

1a

M12 Connector

IP65/69K

32 mm 1.26"

7.5 mm 0.30"

M30x1.5 2 Nm for IP65/69K

1b

M12 Connector

IP65/69K

5.3 mm 0.21"

6.8 x 5.3 mm 0.27 x 0.21"

12.5 mm 0.49"

23.5 mm 1.54"

28 mm 1.10"

35 mm 1.38"

8.5 mm 0.33"

45 mm 1.77"

55.5 mm 2.19"

M30x1.5 2 Nm for IP65/69K

Marking of Hazardous Substances
有害物质标识

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

WERMA article number 伟马快播物料号:
240 110 50, 240 120 50, 240 210 55, 240 220 55, 240 320 50, 240 420 55, 240 450 55

According to the SJ/T 11364-2014 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 11364-2014 的规定编制

Component Name 部件名称	Hazardous Substances 有害物质					
	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)
Plastic parts 塑料件	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○
PCB and its electronics components 印制电路板及其电子元器件	X*	○	○	○	○	○
M12 plug and cable M12 插头和电缆	X*	○	○	○	○	○
Cable tie 扎带	○	○	○	○	○	○

This table was developed according to the provisions of SJ/T 11364-2014
本表格依据 SJ/T 11364-2014 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, 根据实际情况对上表中打"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 规定限制

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

Rietheim 廖惠梅 28.07.2021
Place and date of issue 签发地点和日期
L.V. 授权 D. Kersy
Director RAD 研发总监

Marking of Hazardous Substances
有害物质标识

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

WERMA article number 伟马快播物料号:
241 510 01, 240 510 00, 240 510 02, 240 520 00

According to the SJ/T 11364-2014 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 11364-2014 的规定编制

Component Name 部件名称	Hazardous Substances 有害物质					
	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)
Plastic parts 塑料件	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○
PCB and its electronics components 印制电路板及其电子元器件	X*	○	○	○	○	○
M12 plug and cable M12 插头和电缆	X*	○	○	○	○	○

This table was developed according to the provisions of SJ/T 11364-2014
本表格依据 SJ/T 11364-2014 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, 根据实际情况对上表中打"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 规定限制

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

Rietheim 廖惠梅 21.10.2025
Place and date of issue 签发地点和日期
L.V. 授权 D. Kersy
Director RAD 研发总监

Marking of Hazardous Substances
有害物质标识

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

WERMA article number 伟马快播物料号:
240 130 50, 240 140 50, 240 230 55, 240 231 55, 240 240 55, 240 250 55, 240 340 50, 240 440 55

According to the SJ/T 11364-2014 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 11364-2014 的规定编制

Component Name 部件名称	Hazardous Substances 有害物质					
	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)
Plastic parts 塑料件	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○
PCB and its electr. comp. 印制电路板及其电子元器件	X*	○	○	○	○	○
Buzzer 蜂鸣器	X*	○	○	○	○	○
M12 plug and cable M12 插头和电缆	○	○	○	○	○	○
Cable tie 扎带	○	○	○	○	○	○

This table was developed according to the provisions of SJ/T 11364-2014
本表格依据 SJ/T 11364-2014 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, 根据实际情况对上表中打"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 规定限制

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

Rietheim 廖惠梅 15.09.2021
Place and date of issue 签发地点和日期
L.V. 授权 D. Kersy
Director RAD 研发总监

Marking of Hazardous Substances
有害物质标识

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

WERMA article number 伟马快播物料号:
241 510 01, 240 510 00, 240 510 02, 240 520 01

According to the SJ/T 11364-2014 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 11364-2014 的规定编制

Component Name 部件名称	Hazardous Substances 有害物质					
	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)
Plastic parts 塑料件	○	○	○	○	○	○
Label 标签	○	○	○	○	○	○
PCB and its electr. comp. 印制电路板及其电子元器件	X*	○	○	○	○	○
Buzzer 蜂鸣器	X*	○	○	○	○	○
M12 plug and cable M12 插头和电缆	X*	○	○	○	○	○

This table was developed according to the provisions of SJ/T 11364-2014
本表格依据 SJ/T 11364-2014 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, 根据实际情况对上表中打"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 规定限制

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

Rietheim 廖惠梅 21.10.2025
Place and date of issue 签发地点和日期
L.V. 授权 D. Kersy
Director RAD 研发总监

15000006415_AA
310.240.010

