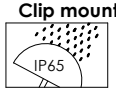
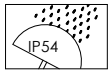
310.300.001
150000005513_AD

WERMA 300 LineLIGHT Fusion

Clip mounted Version

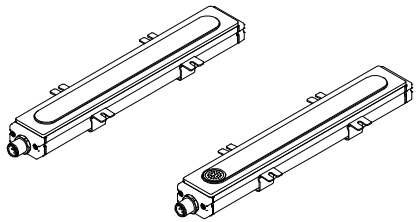




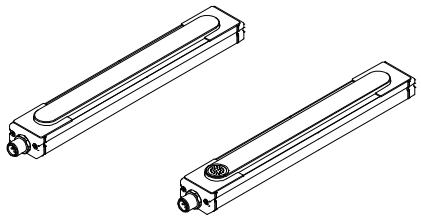
Tape mounted Version/ Not Installed

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

Clip mounted Version



Tape mounted Version



WERMA

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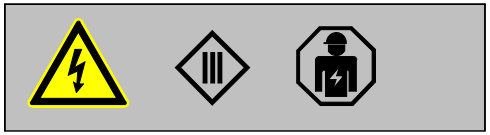
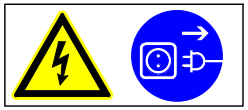
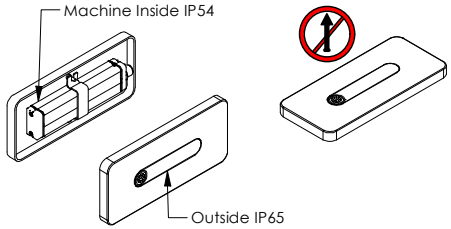


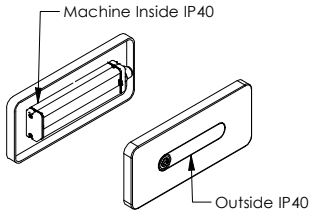
(D) Anschluss ausschließlich durch ausgebildete Elektro-Fachkräfte.
(GB) Electrical connection is to be made by trained electrical specialists only .
(F) Le branchement doit uniquement être effectué par des professionnels.
(I) Il collegamento deve essere eseguito solo da elettricisti specializzati.
(E) 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.
(RUS) Подключоение проводится только специа-листом-электриком.
(TR) Bağlantı sadece eğitimli elektrik teknisyenleri tarafından yapılmalıdır.
(CN) 布线需由专业电工执行



Please note Mounting Diagram and Torque Table for IP65 Applications.

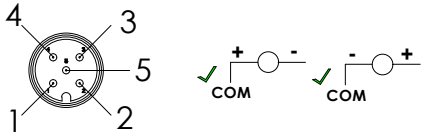
When mounted facing upwards IP65 can't be guaranteed. Indoor use only.





IP Rating Table

Version	Not installed	Outside	Machine Inside
Clip	IP40	IP65	IP54
Tape	IP40	IP40	IP40



Connection Diagram

M12 5 Pin					Light Color
1	2	3 COM	4	5	
NC	NC	(±V)	(±V)	(±V)	Red
(±V)	NC		NC		Green
(±V)	NC		(±V)		Yellow
NC	(±V)		NC		Blue
(±V)	(±V)		(±V)		White
NC	(±V)		(±V)		Violet
(±V)	(±V)		NC		Turquoise

NC=not connected

Clip mounted Version 24VDC

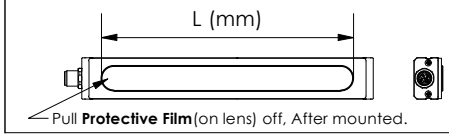
L (mm)*	No Buzzer	Current	With Buzzer	Current
100	300 100 01	110mA	300 100 02	115mA
150	300 100 13	135mA	300 100 14	145mA
200	300 100 05	160mA	300 100 06	170mA
250	300 100 15	185mA	300 100 16	195mA
300	300 100 17	210mA	300 100 18	220mA
350	300 100 19	240mA	300 100 20	245mA
400	300 100 21	270mA	300 100 22	280mA
450	300 100 23	295mA	300 100 24	305mA
500	300 100 09	320mA	300 100 10	330mA
550	300 100 25	345mA	300 100 26	355mA
600	300 100 27	375mA	300 100 28	380mA
650	300 100 29	400mA	300 100 30	410mA
700	300 100 31	425mA	300 100 32	435mA
750	300 100 33	450mA	300 100 34	460mA
800	300 100 35	475mA	300 100 36	485mA
850	300 100 37	505mA	300 100 38	510mA
900	300 100 39	535mA	300 100 40	545mA
950	300 100 41	560mA	300 100 42	570mA
1000	300 100 43	585mA	300 100 44	595mA
1050	300 100 45	610mA	300 100 46	620mA
1100	300 100 47	640mA	300 100 48	645mA
1150	300 100 49	665mA	300 100 50	675mA
1200	300 100 51	690mA	300 100 52	700mA
1250	300 100 53	715mA	300 100 54	725mA
1300	300 100 55	740mA	300 100 56	750mA
1350	300 100 57	775mA	300 100 58	780mA
1400	300 100 59	800mA	300 100 60	810mA
1450	300 100 61	825mA	300 100 62	835mA
1500	300 100 63	850mA	300 100 64	860mA

* L: Length illuminated Area

Tape mounted Version 24VDC

L (mm)*	No Buzzer	Current	With Buzzer	Current
100	300 100 03	110mA	300 100 04	115mA
200	300 100 07	160mA	300 100 08	170mA
500	300 100 11	320mA	300 100 12	330mA

* L: Length illuminated Area

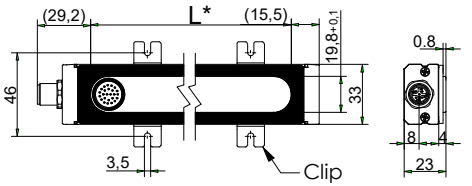


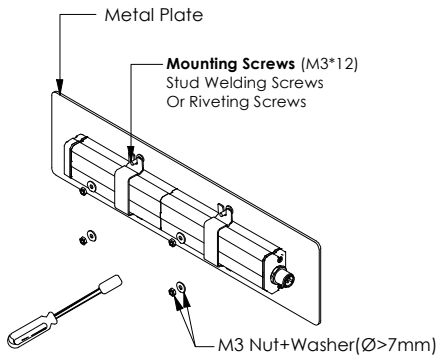
1 Clip mounted Version

	Article number	L* (mm)	Clip * (Pcs)
1a	300 100 01 , 300 100 02	100	1
1b	300 100 13 , 300 100 14	150	2
1a	300 100 05 , 300 100 06	200	2
1b	300 100 15 , 300 100 16	250	3
1a	300 100 17 , 300 100 18	300	3
1b	300 100 19, 300 100 20	350	4
1a	300 100 21 , 300 100 22	400	4
1b	300 100 23 , 300 100 24	450	5
1a	300 100 09 , 300 100 10	500	5
1b	300 100 25 , 300 100 26	550	6
1a	300 100 27, 300 100 28	600	6
1b	300 100 29 , 300 100 30	650	7
1a	300 100 31 , 300 100 32	700	7
1b	300 100 33 , 300 100 34	750	8
1a	300 100 35 , 300 100 36	800	8
1b	300 100 37, 300 100 38	850	9
1a	300 100 39 , 300 100 40	900	9
1b	300 100 41 , 300 100 42	950	10
1a	300 100 43 , 300 100 44	1000	10
1b	300 100 45 , 300 100 46	1050	11
1a	300 100 47, 300 100 48	1100	11
1b	300 100 49 , 300 100 50	1150	12
1a	300 100 51 , 300 100 52	1200	12
1b	300 100 53 , 300 100 54	1250	13
1a	300 100 55 , 300 100 56	1300	13
1b	300 100 57, 300 100 58	1350	14
1a	300 100 59 , 300 100 60	1400	14
1b	300 100 61 , 300 100 62	1450	15
1a	300 100 63 , 300 100 64	1500	15

* L : Length illuminated Area.
* Clip : Needed Quantity of **Clips** to ensure IP65.

Unit:mm





Torque Table IP65 Application

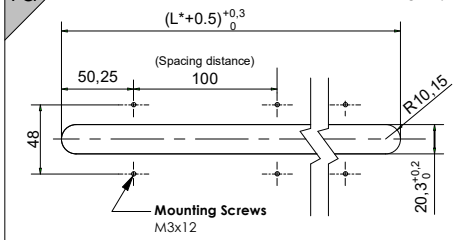
Metal Plate	Min Torque	0.3 Nm
	Min Foam Compression	1.5 mm
	Max Torque	0.6 Nm
	Max Foam Compression	2 mm

- If metal plate deforms while applying the stated torque, the rigidity has to be enhanced through higher thickness or higher strength.

Mounting Diagram Clip

1a

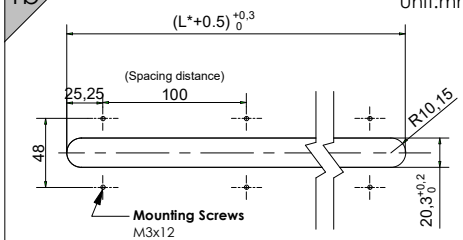
Unit:mm



If IP65 is not required,
the amount of **Clips** can be reduced,
and **Spacing distance** can be user-defined.

1b

Unit:mm



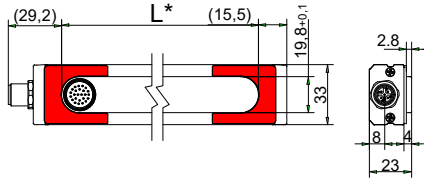
If IP65 is not required,
the amount of **Clips** can be reduced,
and **Spacing distance** can be user-defined.

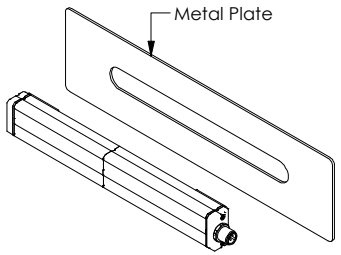
2 Tape mounted Version

	Article number	L* (mm)	
2a	300 100 03 , 300 100 04	100	2 Pcs of Tape
	300 100 07 , 300 100 08	200	
	300 100 11 , 300 100 12	500	

* L: Length illuminated Area

Unit:mm



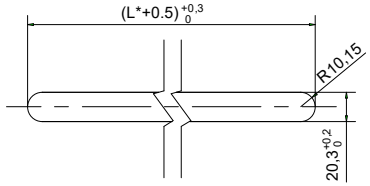


- Clean the metal plate surface before applying the tape.
- Apply even pressure to the product for 15 seconds to ensure a good hold.

Mounting Diagram Tape

2a

Unit:mm



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	O	O	O	O	O	O
Label 标签	O	O	O	O	O	O
PCB and its electronics components 印制电路板及其电子元器件	X*	O	O	O	O	O
Buzzer 蜂鸣器	X*	O	O	O	O	O
M12 plug and cable M12 插头和电缆	X*	O	O	O	O	O

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
表示该有害物质至少在该部件的某一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 III and IV might be applied
*豁免 RoHS 2011/65 附件 III 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/T26572-2011 规定限制

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

300 100 XA
*A is odd number

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	O	O	O	O	O	O
Label 标签	O	O	O	O	O	O
PCB and its electronics components 印制电路板及其电子元器件	X*	O	O	O	O	O
M12 plug and cable M12 插头和电缆	X*	O	O	O	O	O

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■Restricted substances beyond limit required by GB/T 26572-2011.
限制物质的含量超过 GB/T26572-2011 规定限制

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

300 100 XB
*B is even number

Rietheim 里泰姆 24.02.2026
Place and date of issue 签发地点和日期

ppa. D. Kensy
Director R&D

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