

Inspection Light LED Series 6149/2



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582



- > Extremely long service life due to LED used
- > Also suitable for machine lighting
- > Anti-roll design in the grip
- > Lockable suspension hooks
- > For 110 ... 240 V AC / DC, 24 ... 48 V AC / DC or 12 V DC
- > High power LEDs including driver in innovative design

E2



14348E00

	ATEX / IECEx					
Zone	0	1	2	20	21	22
For use in		x	x		x	x

www.stahl.de

WebCode 6149B



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Selection Table

Version	Nominal voltage	Temperature class at T _a =		Max. surface temperature		Order number	Weight kg
		40 °C	60 °C	T _{O max} at T _a = 40 °C	T _{O max} at T _a = 60 °C		
Inspection light LED Series 6149	12 V DC	T4	--	100 °C	--	6149/2-2211-5010	1.400
	24 ... 48 V AC / DC; 50 / 60 Hz	T4	T4	100 °C	100 °C	6149/2-3211-5010	1.400
	24 ... 48 V AC / DC; 50 / 60 Hz	T6	--	80° C	--	6149/2-3411-5010	1.400
	110 ... 240 V AC / DC; 50 / 60 Hz	T4	T4	100 °C	100 °C	6149/2-5211-5010	1.400
	110 ... 240 V AC / DC; 50 / 60 Hz	T6	--	80° C	--	6149/2-5411-5010	1.400

Order Number Supplement

Wire guard	without wire guard	6149/ . - . . . - . . . 0	
	with wire guard	6149/ . - . . . - . . . 1	
Note	- The inspection light is delivered with a 5 m connecting cable (other lengths on request) - The inspection light is delivered without plug and wire guard. Specify the plug on order (see Accessories and Spare Parts).		

Explosion Protection

Global (IECEx)		
Gas and dust	IECEx PTB 07.0018 Ex d IIC T.* Gb Ex tb IIIC T... °C*	
Europe (ATEX)		
Gas and dust	PTB 07 ATEX 1009 Ⓜ II 2 G Ex d IIC T.* Gb Ⓜ II 2 D Ex tb IIIC T... °C* Db * surface temperature and temperature class see selection table	
Certificates and approvals		
Certificates	ATEX, IECEx, Brazil (UL do Brasil), Kazakhstan (GOST-K), Russia (GOST-R), Belarus (GOST-B)	

Technical Data

Electrical Data						
Version	6149/2-2 (12V)		6149/2-3 (24 ... 48 V)		6149/2-5 (110 ... 240 V)	
Rated operational voltage	12 ± 10 % V DC		24 ... 48 ± 10 % V AC / DC; 50 / 60 Hz		110 ... 240 ± 10 % V AC / DC ; 50 / 60 Hz	
Nominal operational current	12 V	1,3 A	24 V AC / DC	0.7 A	110 V AC	0.13 A
			48 V AC / DC	0.3 A	240 V AC	0.07 A
Luminous Characteristics						
Version	6149/2-2 (12V)		6149/2-3 (24 ... 48 V)		6149/2-5 (110 ... 240 V)	
Lamps	LED - typ. 6000K		LED - typ. 6000K		LED - typ. 6000K	
Luminous flux	ca. 600 lm		ca. 600 lm		ca. 670 lm	
Luminous intensity	253 Lux in 1m distance		253 Lux in 1m distance		285 Lux in 1m distance	
Ambient Conditions						
Version	6149/2-2 (12V)		6149/2-3 (24 ... 48 V)		6149/2-5 (110 ... 240 V)	
Ambient temperature	- 40 ... + 40 °C		T4: - 40 ... + 60 °C T6: - 40 ... + 40 °C		T4: - 30 ... + 60 °C T6: - 30 ... + 40 °C	
Mechanical Data						
Degree of protection	IP66 / IP67					
Protection class	II					
Material						
Enclosure tube	Polycarbonate					
Grip	Aluminium					
Sealing cap	Aluminium					
Rubber grip	NBR / PVC (EPDM)					
Suspension hook	NBR / PVC (EPDM)					

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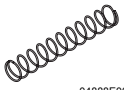
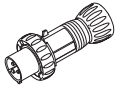
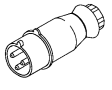


Technical Data

Mounting / Installation

Cable glands	CMP cable gland for rubber case-, Thermflex- and wire mesh lead
Connecting cable	Standard: connecting cable, 5 m, type H07RN-F, ϕ 7.7 ... 10 mm, 2 x 1 mm ² Optional: Gifas Thermoflex cable, 5 m, Type HXSLHXÖ-J, d 7.7 ... 10 mm, 2 x 1.5 mm ² Helukabel with steel wire screening, Type SY-JZ, 2 x 1.5 mm ²

Accessories and Spare Parts

Designation	Illustration	Description	Art. no.	Weight kg
Mounting bracket	 04880E00	Mounting bracket of galvanised sheet steel	120535	0.050
Mounting bracket and magnet	 04885E00	Mounting bracket of galvanised sheet steel and magnet	120536	0.100
Wire guard	 04888E00	Stainless steel wire guard for additional mechanical protection	120509	0.170
Plug	 04923E00	8570/12-304 3 pins, 100 ... 130 V, 50 / 60 Hz, 16 A	150599	0.420
		8570/12-306 3 pins, 200 ... 250 V, 50 / 60 Hz, 16 A	150579	0.420
	 04922E00	8575/12-100 2 pins, 20 ... 25 V, 16 A	151545	0.220
		8575/12-110 2 pins, 20 ... 25 V DC, 16 A	151553	0.220
	 12214E00	8575/12-200 3 pins, 20 ... 25 V, 16 A	151486	0.230
		8575/12-212 3 pins, 40 ... 50 V, 16 A	151496	0.220

E2



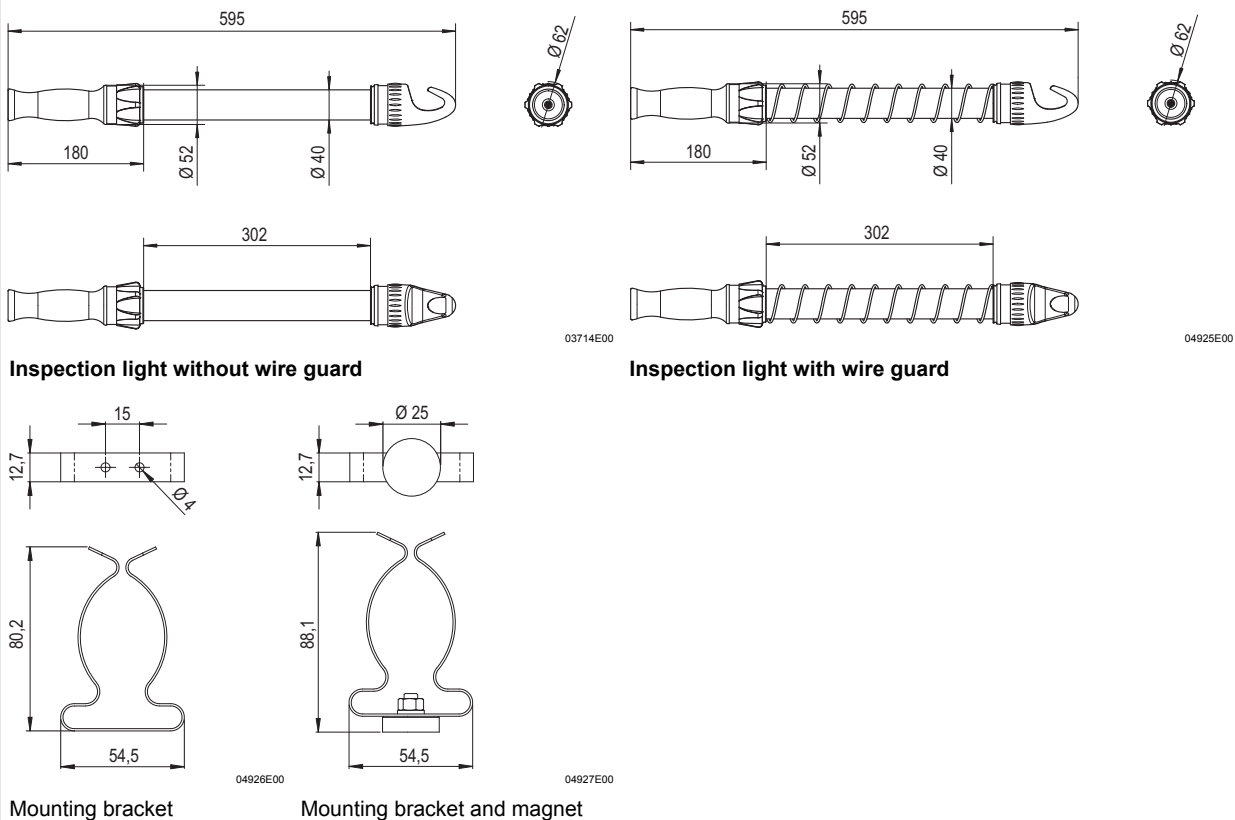
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Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.



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