

ENGLISH

Photoelectric reflex switch
Operating Instructions

Safety specifications
Marking: II 3G EX nA op is IIB T4 Gc X
Devices correspond to the enclosure rating for electrical apparatus for use in the presence of combustible, non-conductive dust.

DEUTSCH

Reflexions-Lichtschranke
Betriebsanleitung

Sicherheitshinweis
Kernzeichnung: II 3G EX nA op is IIB T4 Gc X
Geräte entsprechen der Schutzart für Betriebsmittel zur Verwendung in explosionsgefährdeten Bereichen mit brennbarem, nichtleitfähigem Staub.

Australia Phone +61 (3) 9457 0600
Austria Phone +43 (0) 2236 62288-0
Belgium/Luxembourg Phone +32 (0) 2 468 55 66

New Zealand Phone +64 9 415 0459
Norway Phone +47 67 81 50 00
Poland Phone +48 22 539 41 00
Romania Phone +40 356-17 11 20
Russia Phone +7 495 283 09 90
Singapore Phone +65 6744 3732
Slovakia Phone +421 482 901 201
Slovenia Phone +386 591 78849
South Africa Phone +27 (0)11 472 3733
South Korea Phone +82 2 796 6321
Spain Phone +34 93 480 31 00
Sweden Phone +46 10 110 10 00
Switzerland Phone +41 619 29 39
Taiwan Phone +886-2-2375-6288
Thailand Phone +66 2 645 0009
Turkey Phone +90 (216) 528 50 00
United Arab Emirates Phone +971 (0) 4 88 65 878
United Kingdom Phone +44 (0)17278 31121
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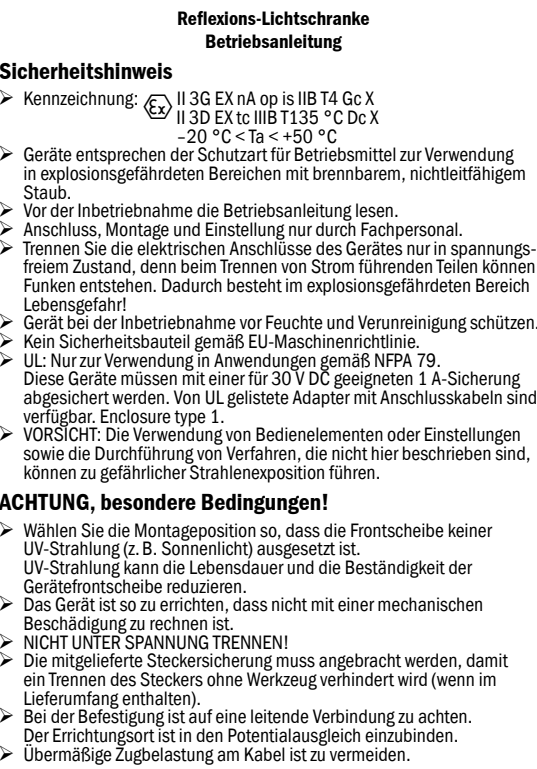
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A WL24-2V530S06

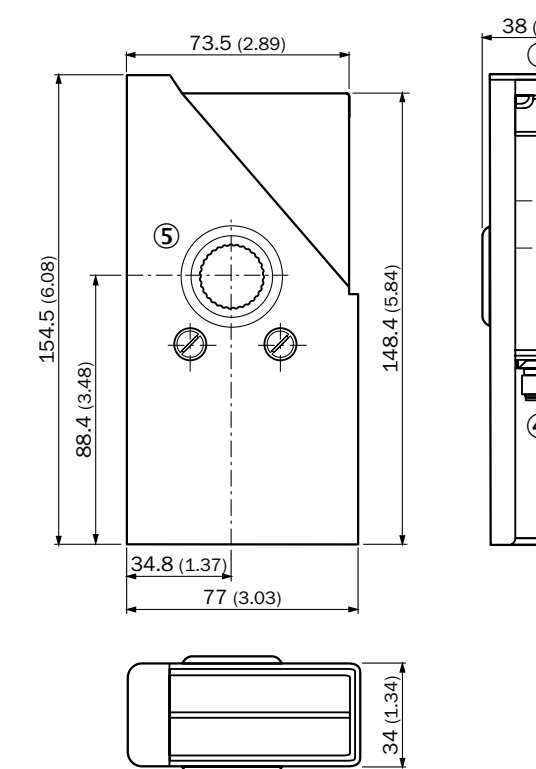


① LED signal strength indicator
② Center of optical axis, sender
③ Center of optical axis, receiver
④ Connection
⑤ Fixing hole for clamp holder

ACHTUNG, besondere Bedingungen!

- Wählen Sie die Montageposition so, dass die Frontscheibe keiner UV-Strahlung (z. B. Sonnenlicht) ausgesetzt ist.
UV-Strahlung kann die Lebensdauer und die Beständigkeit der Gerätescheibe reduzieren.

A WL24-2V530S06



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Bestimmungsgemäße Verwendung

- Richtlinienkonformität Explosionsschutz: Richtlinie 2014 / 34 / EU.
Die Geräte entsprechen der Kategorie 3D / 3G und können in den explosionsgefährdeten Bereichen „Zone 22: nichtleitende Stäube“ und „Zone 2“ eingesetzt werden.

EU Declaration of conformity

The undersigned, representing the following manufacturer
SICK AG
Erwin-Sick-Strasse 1
79183 Waldkirch
Germany
herewith declares, that the products of the product family W 24-2...S... (ATEX) are in conformity with the provisions of the following directives (including all applicable amendments) and that the standards and/or technical specifications referenced below have been applied.

II 3G Ex nA op is IIB T4 Gc X
II 3D Ex tc IIB T135 °C Dc X
-20 °C < Ta < +50 °C

Used directives and standards:

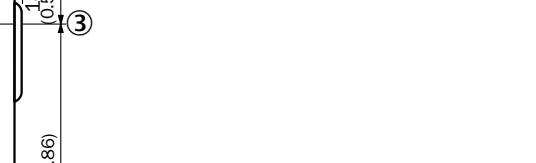
Table with 4 columns: Directives/Standards, Title or short description, Issued, and Issued. Lists EMC-Directive, Equipment and protective systems, and various EN standards.

Dated: 2016.09.01
I.V. Jansen, Director
Dipl.-Ing. Ulf Völker, ZSN
Dipl.-Ing. Detlef Metzger

WL24-2V530S06

Table with 4 columns: Sensing range, Light spot diameter / distance, Supply voltage, Output current, Switching frequency, Response time, Enclosure rating, Protection class, Circuit protection, Ambient operating temperature, Limit values, With light / dark ratio 1:1, A = V, connections reverse-polarity protected, B = Outputs short-circuit protected, C = Interference pulse suppression.

B WL24-2V530S06

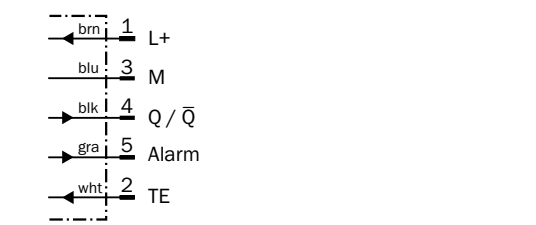


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4

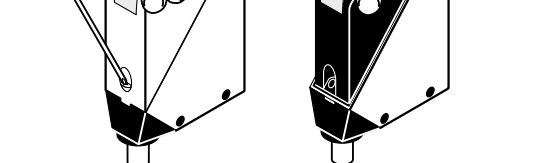
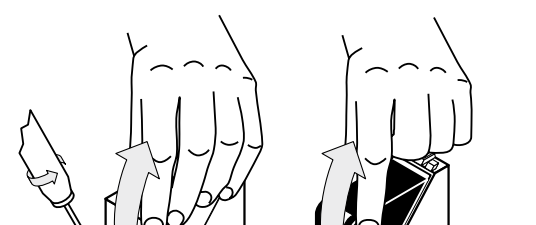


1



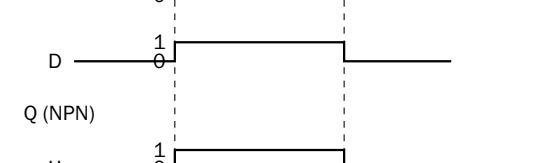
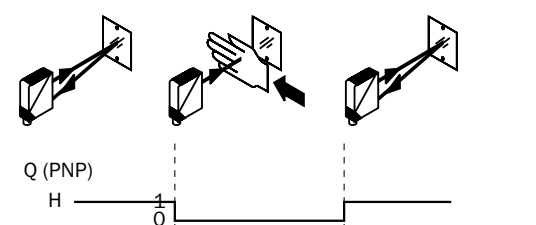
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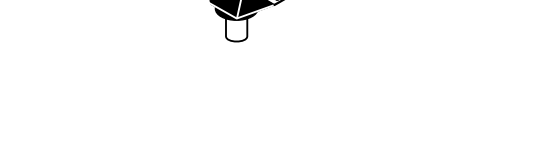
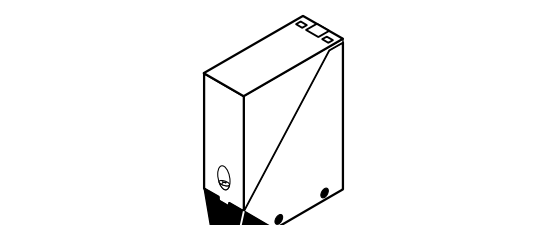
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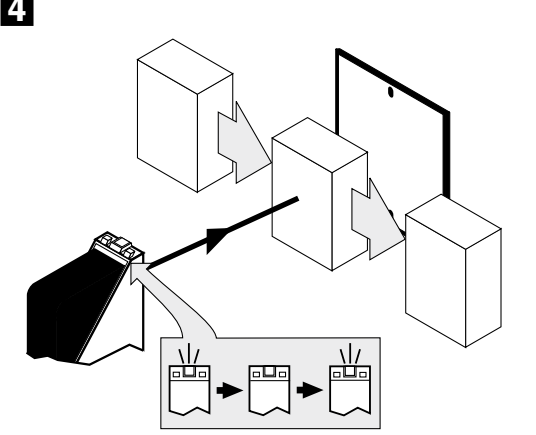
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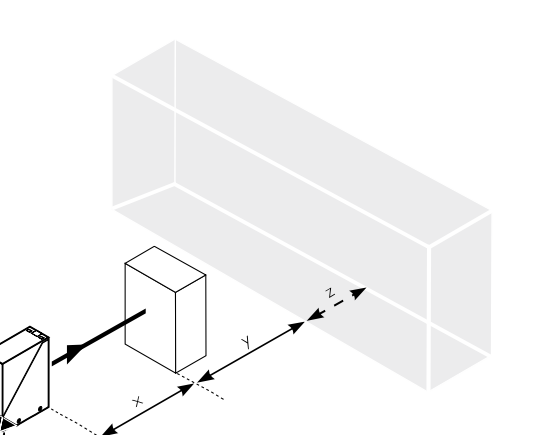


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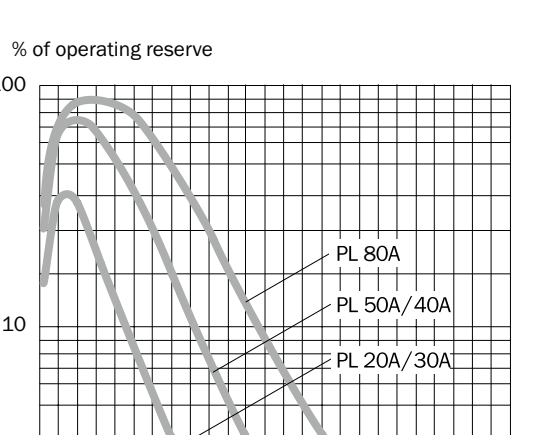
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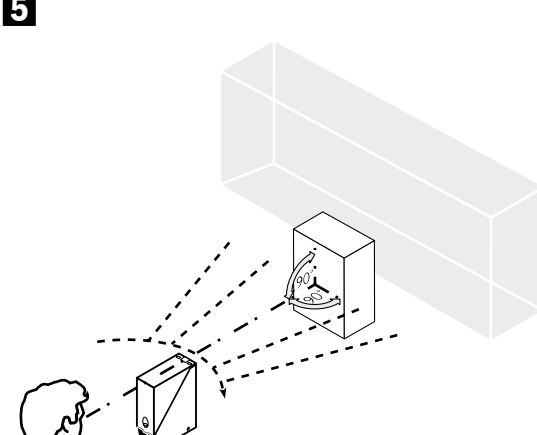
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5



5



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II 3D Ex tc IIB T135 °C Dc X
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