KATALOG ONLINE

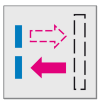
Czujniki luminescencji
LUT3

LUT3-810

SICK
Sensor Intelligence.

Czujniki luminescencji
LUT3

Nazwa modelu > LUT3-810
Numer części > 1012867



- Scanning distance selectable by using interchangeable lenses (10 ... 90 mm)
- Fibre-optic cable connection
- Analogue output
- Additional optical filter
- The relatively sensitivity has to be checked (akin)

!Features!

Wymiary (dł. x szer. x wys.):	80 mm x 30,4 mm x 53 mm
Sensing distance:	10 mm [1]
Nadajnik światła:	UV-LED [2]
Receiving filters:	KV 418 (Standard)
Receiving range:	450 nm ... 750 nm
Nastawa:	Manual (rotary switch)
Średnica plamki świetlnej:	2 mm x 6 mm

[1] Od przedniej powierzchni soczewki; [2] Average service life 100,000 h at T_a = +25 °C; [3] Dlugosc fali: 375 nm;

!Mechanics/electronics!

Napięcie zasilania VS:	DC 12 V ... 30 V [1]
Tętnienia resztkowe:	< 2 Vss [2]
Pobór prądu:	< 60 mA [3]
Switching frequency:	1,5 kHz [4]
Czas reakcji:	350 µs [5]
Wyjście przełączające:	NPN: HIGH = approx. VS / LOW ≤ 2 V, PNP: HIGH = VS- ≤ 3 V/LOW = apporox. 0 V
Tryb przełączania:	PNP/NPN
Sposób przyłączania:	Złącze M12, 5-pinowe
VDE protection class:	II [6]
Układ zabezpieczenia:	A = VS connections reverse-polarity protected Wyjście Q zabezpieczone przed zwarciami Tłumienie interferencji
Rodzaj zabezpieczenia:	IP 67
Ciężar:	ca. 400 g
Housing material:	Cynkowa, odlewana
Tryb przełączania:	Przełączanie na jasnym
Output current Imax.:	100 mA

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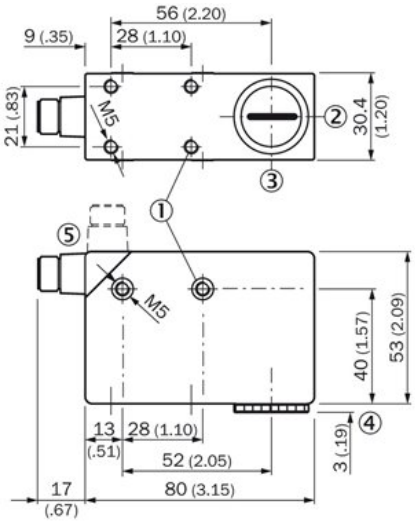
[1] Limit values: operation in short-circuit protected network max. 8 A; [2] May not exceed or fall short of V_S tolerances; [3] Bez obciazenia; [4] With light/dark ratio 1:1, no time delay; [5] Signal transit time with resistive load; [6] Reference voltage 50 V DC;

!Ambient data!

Ambient temperature:	Operation: -10 ... 55 °C Storage: -25 ... 75 °C
Shock load:	According to IEC 60068

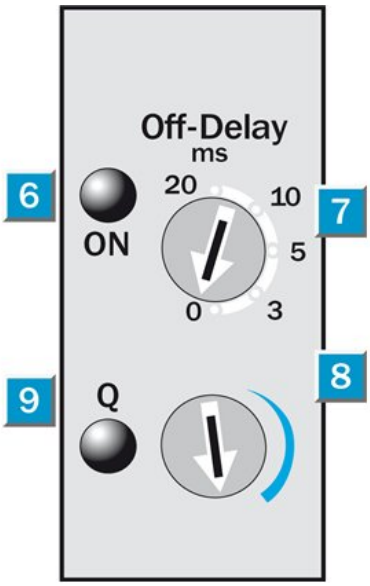
Rysunek techniczny



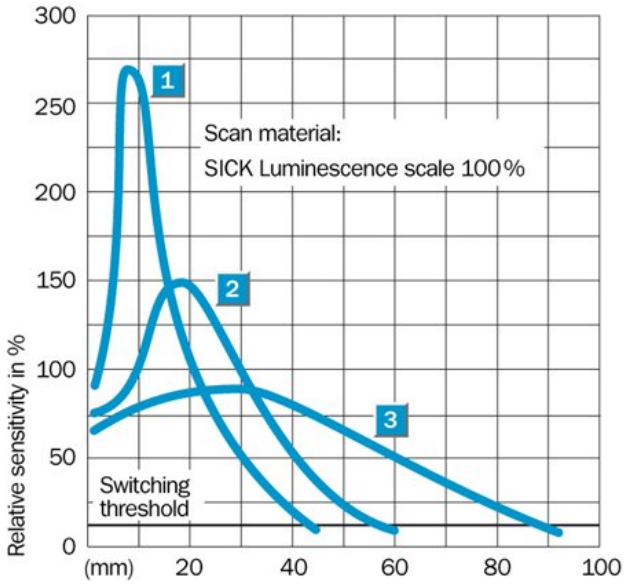
|1| M5 threaded mounting hole, 5.5 mm deep
|2| Kierunek plamki świetlnej
|3| Center of optical axis
|4| See dimensional drawing for lens
|5| Connector M12 (rotatable through 90°)

All dimensions in mm (inch)

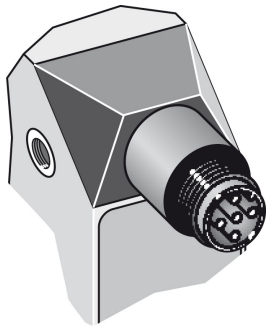
Adjustments



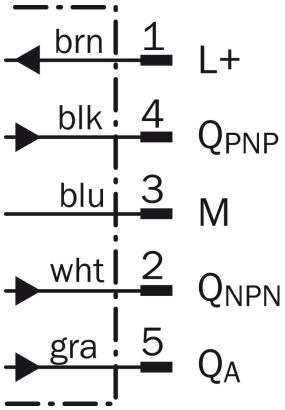
Sensing distance



Typ połączenia



Schemat połączenia



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Australia
Phone +61 3 9497 4100
1800 33 48 02 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg
Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil
Phone +55 11 3215-4900
E-Mail sac@sick.com.br

Ceská Republika
Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China
Phone +852-2763 6966
E-Mail ghk@sick.com.hk

Danmark
Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland
Phone +49 211 5301-301
E-Mail kundenservice@sick.de

España
Phone +34 93 480 31 00
E-Mail info@sick.es

France
Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain
Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India
Phone +91–22–4033 8333
E-Mail info@sick-india.com

Israel
Phone +972-4-999-0590
E-Mail info@sick-sensors.com

Italia
Phone +39 02 27 43 41
E-Mail info@sick.it

Japan
Phone +81 (0)3 3358 1341
E-Mail support@sick.jp

Nederlands
Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge
Phone +47 67 81 50 00
E-Mail austefjord@sick.no

Österreich
Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska
Phone +48 22 837 40 50
E-Mail info@sick.pl

Republic of Korea
Phone +82-2 786 6321/4
E-Mail info@sickkorea.net

Republika Slovenija
Phone +386 (0)1-47 69 990
E-Mail office@sick.si

România
Phone +40 356 171 120
E-Mail office@sick.ro

Russia
Phone +7 495 775 05 34
E-Mail info@sick-automation.ru

Schweiz
Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore
Phone +65 6744 3732
E-Mail admin@sicksgp.com.sg

Suomi
Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige
Phone +46 10 110 10 00
E-Mail info@sick.se

Taiwan
Phone +886 2 2375-6288
E-Mail sales@sick.com.tw

Türkiye
Phone +90 216 587 74 00
E-Mail info@sick.com.tr

United Arab Emirates
Phone +971 4 8865 878
E-Mail info@sick.ae

USA/Canada/México
Phone +1(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

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