

IQ10-06NPSKT0S



Nazwa modelu > **IQ10-06NPSKT05**

Numer części > **1055461**



At a glance

- Tough VISTALTM housing
- SICK-ASIC technology
- 270° status display with extra-bright LED
- Extended sensing range of up to 6 mm
- Hotmelt molding
- Withstands high installation and tightening torque
- IP 68 enclosure rating

Your benefits

- Best mechanical and electronic stability for extra-long service life
- Highest levels of process reliability for your application
- Long service life that reduce maintenance costs thanks to SICK's ASIC technology and rugged VISTALTM housing
- Precise detection and high sensor accuracy enable fast handling and assembly processes
- Space-saving integration in every application
- Increased levels of protection against shock and vibration reduce maintenance costs
- Quick viewing of sensor status from any position in the room reduces mounting time and commissioning
- Safe, fast mounting without any need for readjustment saves installation time and maintenance costs



Cechy

Budowa:	Prostopadłościenna
Wymiary (Szer. x Wys. x Głęb.):	10 mm x 16 mm x 28 mm
Sensing range Sn:	6 mm
Assured sensing range Sa:	4,86 mm
Instalacja w metalu:	Niezabudowany
Częstotliwość przełączania:	2.000 Hz
Wyjście przełączające:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Rodzaj zabezpieczenia:	IP 67 ¹⁾ IP 68
Typ połączenia:	Connector M8, 3-pin

1) According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC
Tętnienia resztkowe:	$\leq 10\%$ ¹⁾
Spadek napięcia:	$\leq 3\text{ V}$ ²⁾
Pobór prądu:	$\leq 20\text{ mA}$ ³⁾
Czas osiągnięcia dostępności:	$\leq 100\text{ ms}$
Histereza:	5 % ... 15 %
Odtwarzalność:::	$\leq 2\%$ ⁴⁾ ⁵⁾
Przesunięcie cieplne (Sr):	$\pm 10\%$
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2
Output current Ia:	$\leq 200\text{ mA}$
Zabezpieczenie przed zwarciami:	✓
Zabezpieczenie przed zmianą biegunowości:	✓
Power-up pulse protection:	✓
Shock/vibration:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Ambient operating temperature:	-25 °C ... +75 °C
Tworzywo, obudowa:	Tworzywo sztuczne, VISTAL
Tworzywo, obudowa:	Tworzywo sztuczne, VISTAL
Moment dokręcania:	$\leq 1\text{ Nm}$

1) Of V_S 2) At I_a max 3) Bez obciążenia 4) U_b and T_a constant 5) Of Sr

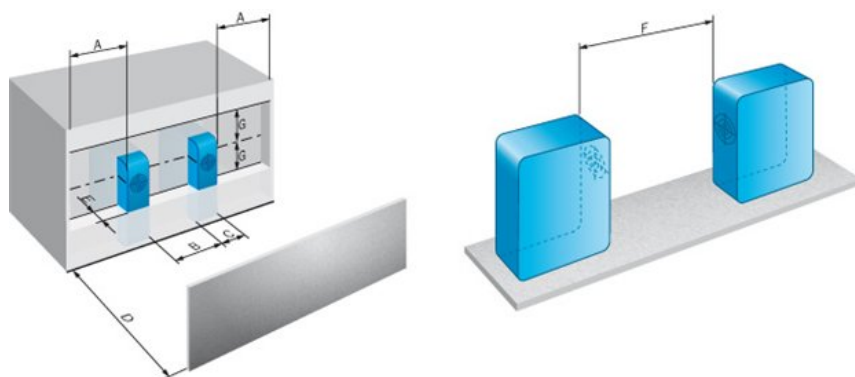
Współczynniki redukcyjne

Uwaga:	The values are reference values which may vary
Stainless steel (V2A, 304):	0,75
Copper (Cu):	0,35
Aluminum (Al):	0,5
Brass (Br):	0,5

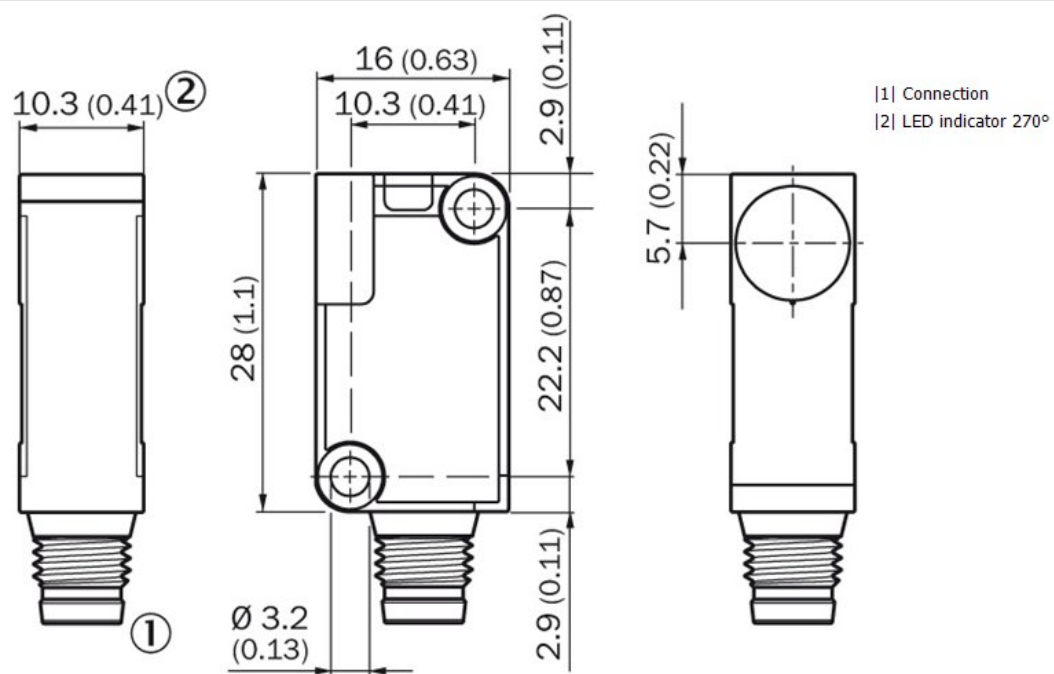
Instrukcje określające

A:	7 mm
B:	30 mm
C:	10,3 mm
D:	18 mm
E:	8 mm
F:	48 mm
G:	12 mm
Uwaga:	Associated graphic see "Installation"

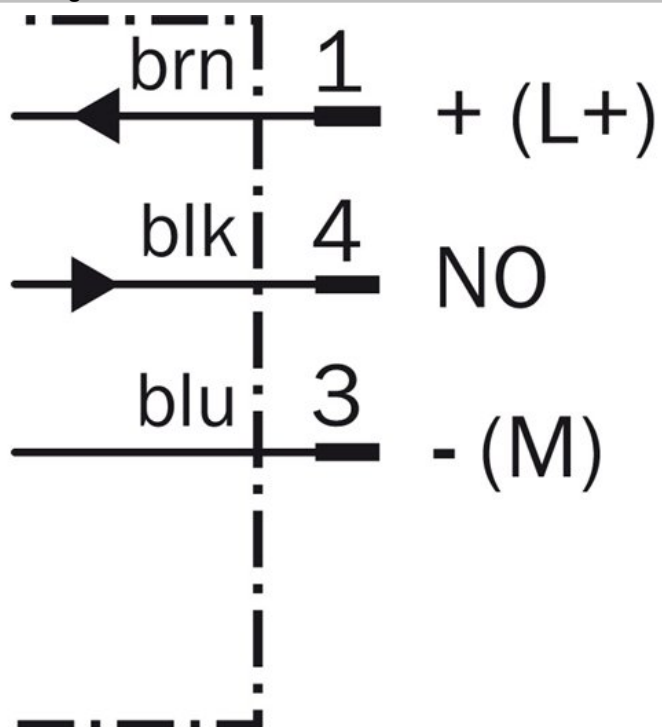
Installation note



Dimensional drawing



Connection diagram



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