



Indukční snímače Rectangular housing, IQ10

IQ10-06NPSKT0S



Typ > [IQ10-06NPSKT0S](#)
Obj. číslo > [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



!Features!

Způsob provedení:	Kvádrový
Rozměry (Š x V x H):	10 mm x 16 mm x 28 mm
Rozměr světelné stopy Sn:	6 mm
Assured sensing range Sa:	4,86 mm
Provedení v kovu:	Nelícovaný
Spínací frekvence:	2.000 Hz
Switching output:	PNP
Funkce výstupu:	NO
Elektrické provedení:	DC 3-vodič
Krytí:	IP 67 ¹⁾ IP 68
Způsob připojení:	Connector M8, 3-pin

1) According to EN 60529

!Mechanics/electronics!

Napájecí napětí:	10 V DC ... 30 V DC
Zbytkové vlnění:	≤ 10 % ¹⁾
Úbytek napětí:	≤ 3 V ²⁾
Odběr proudu:	≤ 20 mA ³⁾
Zpoždění po zapnutí:	≤ 100 ms
Hystereze:	5 % ... 15 %
Reprodukovatelnost:	≤ 2 % ⁴⁾ ⁵⁾
Teplotní drift (od Sr):	± 10 %
EMV:	Podle EN 60-947-5
Trvalý zatěžovací proud I _a :	≤ 200 mA
Ochrana proti zkratu:	✓
Ochrana proti přepólování:	✓
Potlačení spínacího impulsu:	✓
Šokové -/vibrační namáhání:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Teplota okolí provoz:	-25 °C ... +75 °C
Materiál krytu:	Umělá hmota, VISTAL
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Max. utahovací moment:	≤ 1 Nm

1) Of V_S ²⁾ At I_a max ³⁾ Bez zatížení ⁴⁾ Ub and Ta constant ⁵⁾ Of Sr

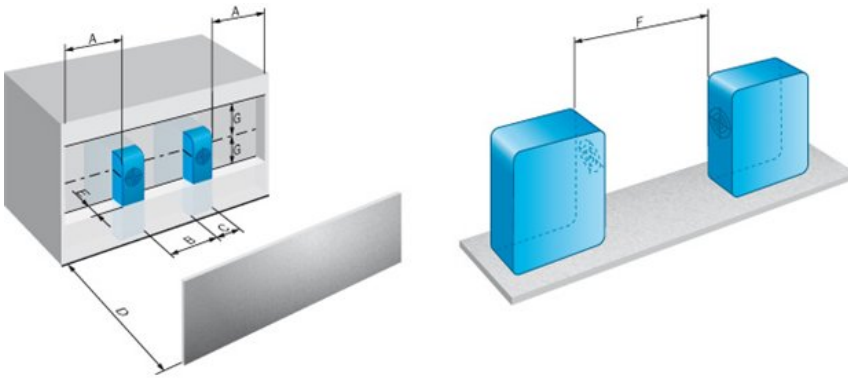
Reduk ní faktory

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

Instalace poznámka

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

Installation note



Dimensional drawing

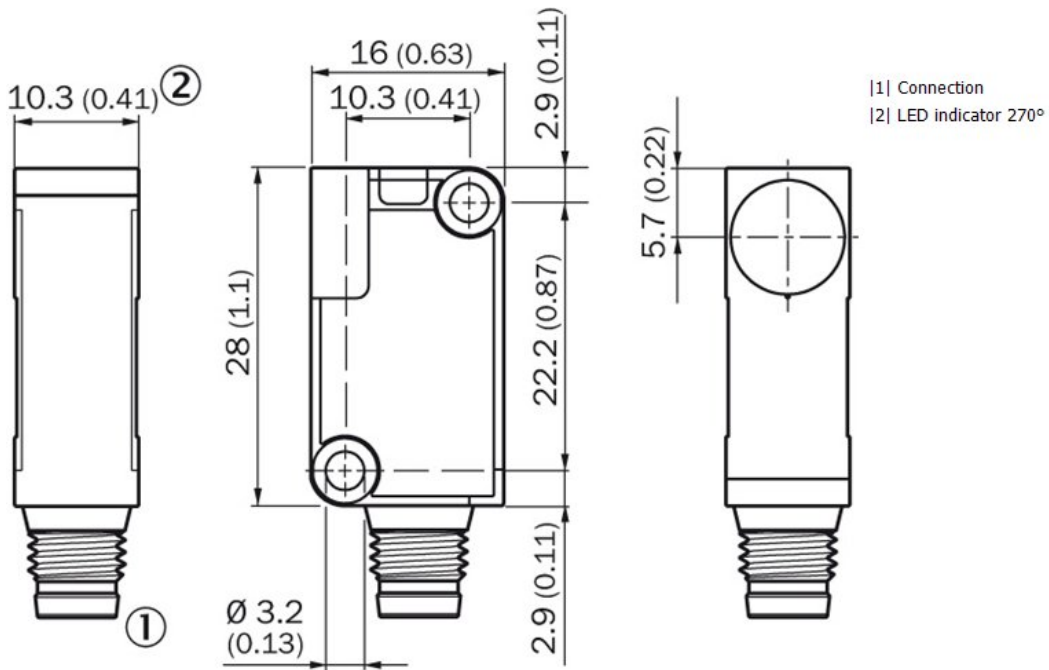
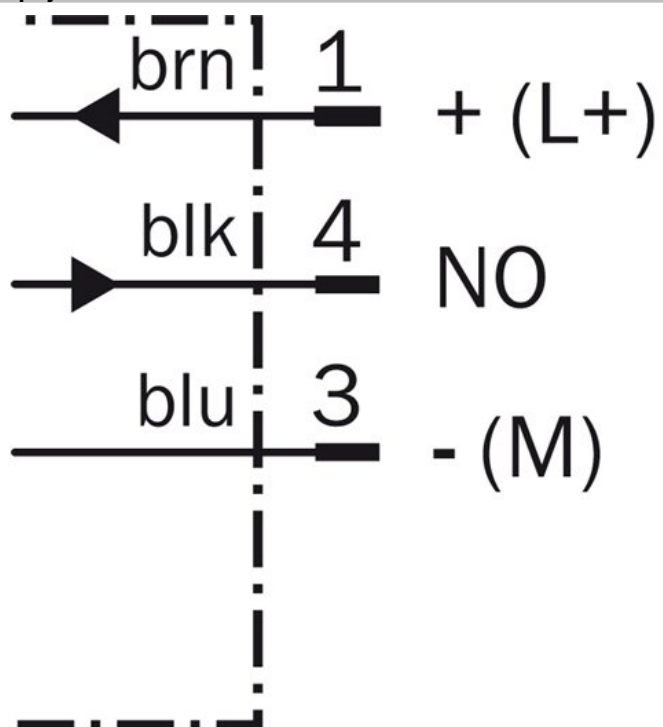


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