



Czujniki pojemnościowe Rectangular housing, CQ35

CQ35-25NNP-KC1



Nazwa modelu > **CQ35-25NNP-KC1**

Numer części > **6021464**



At a glance

- Rectangular housing
- Operating distance up to 25 mm
- High electromagnetic immunity
- IP 67 enclosure rating
- Complementary output function
- LED status indicator
- Short-circuit reverse polarity and power-up pulse suppression protection
- PNP or NPN output versions are available

Your benefits

- Durable housing withstands harsh industrial applications, reducing maintenance costs and downtime
- Quick and easy adjustment of the switching point saves installation and setup time
- Application flexibility - solves applications where other sensing technologies cannot provide a solution
- High shock and vibration resistance increases sensor life and reduces maintenance costs
- Non-contact level measurement, even through container or tank walls, which eliminates drilling holes and thus reduces installation time



Cechy

Budowa:	Prostopadłościenna
Wymiary (Szer. x Wys. x Głęb.):	35 mm x 15 mm x 69,5 mm
Sensing range Sn:	25 mm
Assured sensing range Sa:	18 mm
Instalacja w metalu:	Niezabudowany
Nastawienie czułości:	Potentiometer, 270°
Częstotliwość przełączania:	50 Hz
Switching output:	NPN
Output function:	Komplementarne
Electrical wiring:	DC 4-żyłowy
Rodzaj zabezpieczenia:	IP 67 ¹⁾
Typ połączenia:	Connector M12, 4-pin

¹⁾ According to EN 60529

Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 36 V
Tętnienia resztkowe:	$\leq 10\%$ ¹⁾
Spadek napięcia:	$\leq 2,5\text{ V DC}$ ²⁾
Current consumption:	$\leq 10\text{ mA}$ ³⁾
Czas osiągnięcia dostępności:	$\leq 100\text{ ms}$
Histereza:	$4\% \dots 20\%$
Odtwarzalność:::	$\leq 5\%$ ^{4) 5)}
Przesunięcie ciepłe (Sr):	$\pm 10\%$
Kompatybilność elektromagnetyczna::	Zgodna z EN 60947-5-2 ⁶⁾
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
Tworzywo, obudowa:	PC
Tworzywo, obudowa:	Tworzywo sztuczne

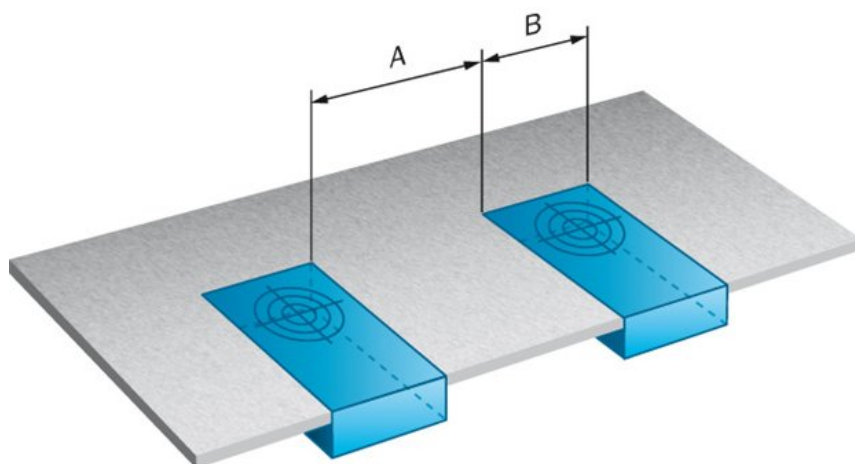
¹⁾ Of Ub ²⁾ At I_a max ³⁾ Bez obciążenia ⁴⁾ Of Sr ⁵⁾ Ub and Ta constant ⁶⁾ In EMC critical applications, conducted interference levels may lie in the frequency range of the oscillator. This can cause changes to the output signal.(see operating instructions)

Współczynniki redukcyjne

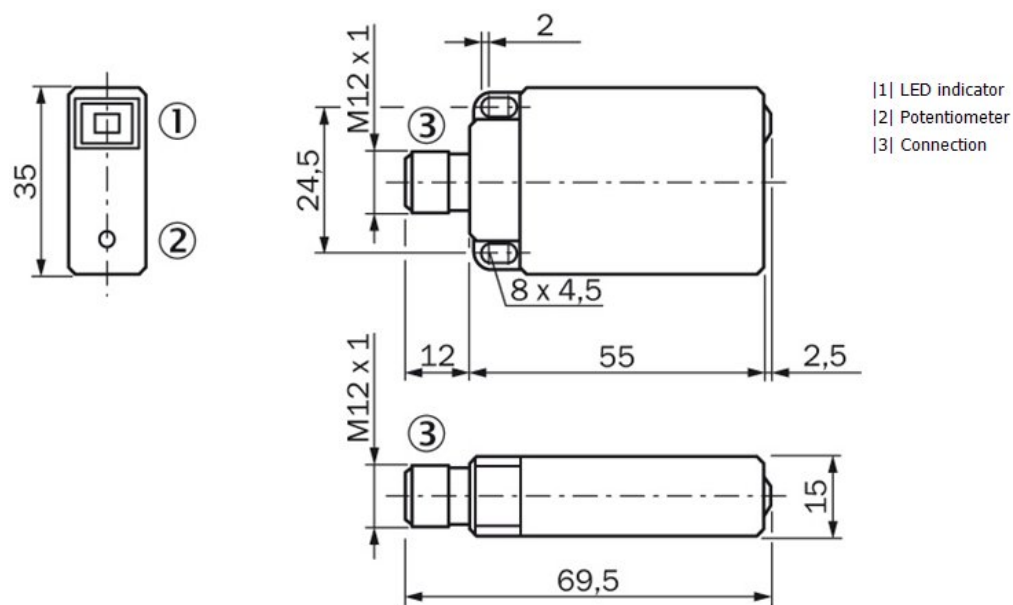
Uwaga:	The values are reference values which may vary
Metal:	1
Water:	1
PVC:	Ca. 0,4
Oil:	Ca. 0,25

Instrukcje określające

Uwaga:	Associated graphic see "Installation"
A:	35 mm
B:	35 mm

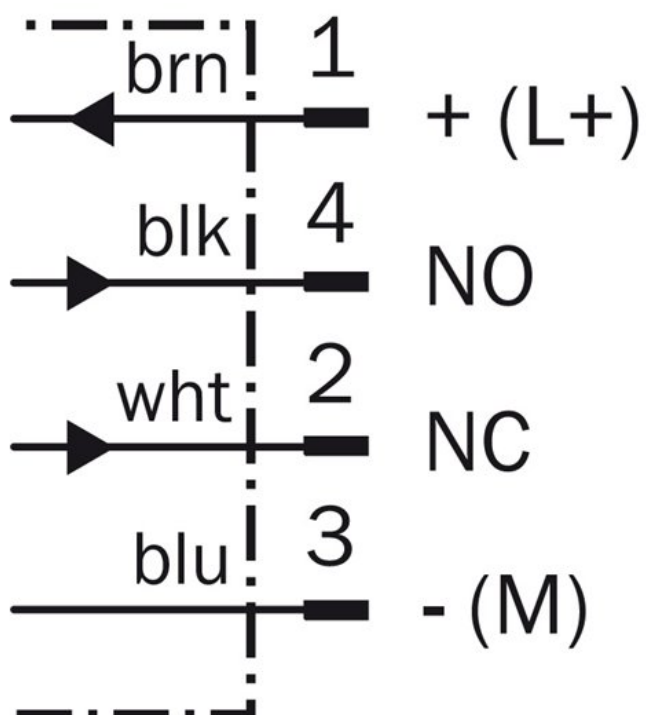


Rysunek techniczny

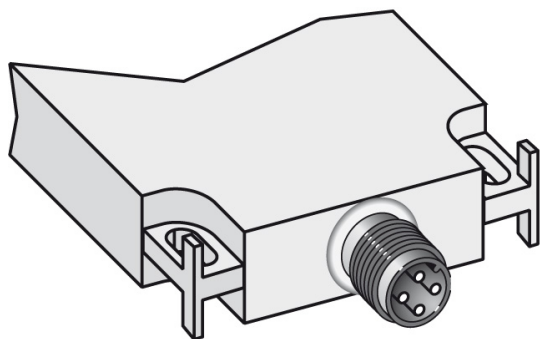


Alle Maße in mm

Connection diagram



Connection type



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