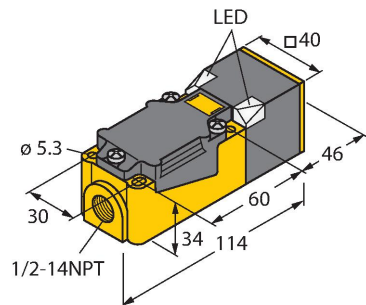


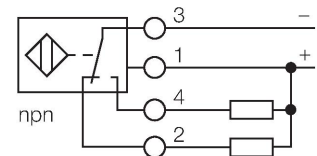
NI35-CP40-VN4X2/S10 Inductive sensor



Features

- Rectangular, height 40 mm
- Variable orientation of active face in 9 directions
- Plastic, PBT-GF30-V0
- DC 4-wire, 10...65 VDC
- Changeover contact, NPN output
- Terminal chamber

Wiring diagram



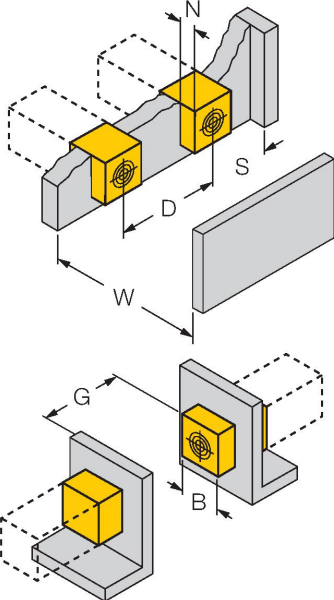
Technical data

Type	NI35-CP40-VN4X2/S10
Ident. no.	15254
Rated switching distance	35 mm
Mounting conditions	Non-flush
Repeat accuracy	≤ 2 % of full scale
Hysteresis	3...15 %
Operating voltage	10...65 VDC
Residual ripple	≤ 10 % U _{ss}
DC rated operational current	≤ 200 mA
No-load current	≤ 15 mA
Residual current	≤ 0.1 mA
Isolation test voltage	≤ 0.5 kV
Short-circuit protection	yes / Cyclic
Voltage drop at I _o	≤ 1.8 V
Wire breakage/Reverse polarity protection	yes / Complete
Output function	4-wire, Complementary contact, NPN
Switching frequency	0.15 kHz
Design	Rectangular, CP40
Dimensions	114 x 40 x 40 mm
Housing material	Plastic, PBT-GF30-V0, Black
Active area material	Plastic, PBT-GF30-V0, yellow
Electrical connection	Terminal chamber
Clamping ability	≤ 2.5 mm ²
Vibration resistance	55 Hz (1 mm)

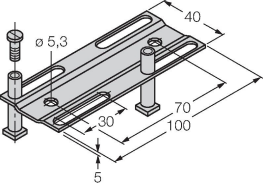
Technical data

Shock resistance	30 g (11 ms)
Power-on indication	2 × LEDs, Green
Switching state	2 × LEDs, Yellow

Mounting instructions

Mounting instructions/Description	
	Distance D
	3 × B
	Distance W
	3 × Sn
	Distance S
	1.5 × B
	Distance G
	6 × Sn
	Distance N
	1 × B
	Width active area B
	40 mm

Accessories

Adjusting bar JS 025/037	69429
Adjusting bar for rectangular housings CK/CP40; material: VA 1.4301	
	

BSS-CP40	6901318
Mounting clamp for rectangular housings 40 x 40 mm; material: Polypropylene	
