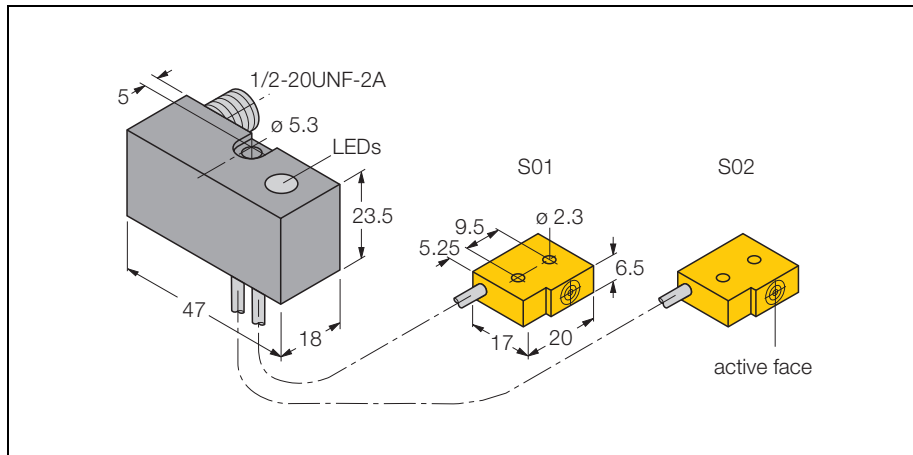
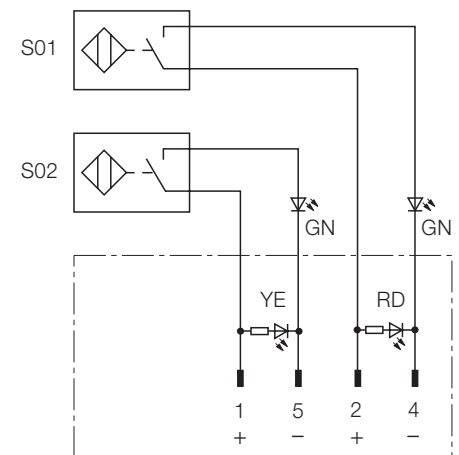


Inductive sensor power clamp monitor Ni2-Q6,5-ADZ32-0,16-FSB5.4X4/S304



- rectangular, height 23,5mm
- plastic, PBT-GF20-V0
- magnetic-field immunity (welding resistance) to AC and DC fields
- 4-wire AC, 20...250 VAC
- 4-wire DC, 10...300 VDC
- 2 x normally open
- connector, 1/2"

Wiring diagram



Function principles

TURCK offers special monitoring kits, consisting of two miniature sensors, as a convenient solution for "Open/Closed" detection on pneumatic power clamps. This product line provides almost unlimited combination possibilities comprising four different power blocks and over 40 different modular sensor types.

Type	Ni2-Q6,5-ADZ32-0,16-FSB5.4X4/S304
Ident-No.	4200203
Rated operating distance S_n	2 mm
Mounting mode	non-flush
Hysteresis (switching distance)	3... 15 %
Min. repeat accuracy	$\leq 2 \%$
Temperature drift	$\leq \pm 10 \%$
Operating temperature	-25 ... + 70 °C
Rated operational voltage (AC) U_B	20... 250 VAC
Rated operational voltage (DC) U_B	10... 300 VDC
Rated operational current (AC) I_B	≤ 100 mA
Rated operational current (DC) I_B	≤ 100 mA
Line frequency	50... 60 Hz
Max. OFF-state current	$\leq 1,7$ mA
Max. switching frequency	$\leq 0,03$ kHz
Rated insulation voltage	$\leq 1,5$ kV
Surge Current	≤ 1 A (≤ 10 ms max. 5 Hz)
Output function	4-wire, 2x normally open
Short-circuit protection	yes, short-circuit
Max. voltage drop at I_B	≤ 6 V
Wire breakage / reverse polarity protection	yes / complete
Min. operational current I_m	≥ 3 mA
Housing style	for power clamps; Q6,5
Dimensions	47 x 18 x 23,5 mm
Housing material	plastic, PBT-GF30-V0
Wiring	connector, 1/2"
Cable	$\varnothing 2$, LiF9Y-11Y, PUR, 0,16 m
Cable cross section	3 x 0,08 mm ²
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 x g (11 ms)
Degree of protection	IP67
Supply voltage indication	2 x LED green
Switching status indication	2 x LED yellow / red