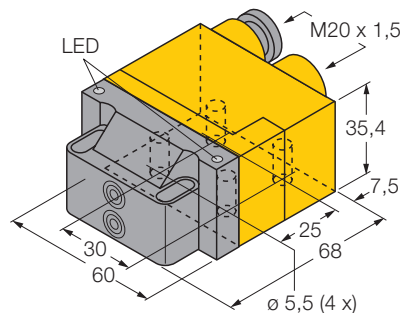


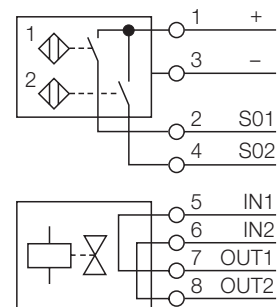
inductive dual sensor for rotary actuators Ni4-DSU26TC-2AP4X2



Type	Ni4-DSU26TC-2AP4X2
Ident-No.	1569905
Rated operating distance S_n	4 mm
Mounting mode	non-flush
Hysteresis (switching distance)	3... 15 %
Min. repeat accuracy	≤ 2 %
Temperature drift	$\leq \pm 10$ %
Operating temperature	-25 ... + 70 °C
Rated operational voltage (DC) U_B	10... 65 VDC
Max. ripple	≤ 10 % U_{pp}
Rated operational current (DC) I_e	≤ 200 mA
No-load current I_0	≤ 15 mA
Max. OFF-state current	$\leq 0,1$ mA
Max. switching frequency	$\leq 0,05$ kHz
Rated insulation voltage	$\leq 0,5$ kV
Output function	4-wire, normally open, PNP
Short-circuit protection	yes, cyclic
Max. voltage drop at I_e	$\leq 1,8$ V
Wire breakage / reverse polarity protection	yes / complete
Housing style	dual sensor for valve monitoring; DSU26
Dimensions	68 x 60 x 35,4 mm
Housing material	plastic, PP-GF30
Active face	plastic, PP-GF30
Wiring	terminal chamber
Clamping ability	$\leq 2,5$ mm ²
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 x g (11 ms)
Degree of protection	IP67
Switching status indication	2 x LED yellow / red
Included with sensor	2 cable glands, 1 blind plug

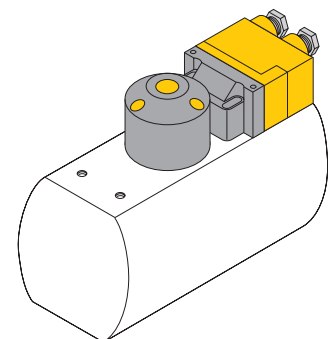
- dual sensor, housing style DSU26
- plastic, PP-GF30-VO
- two switching outputs for monitoring the position of rotary actuators
- mounting on all standard actuators without additional mounting hardware
- 2 x normally open, pnp output
- 4-wire DC, 10...65 VDC

Wiring diagram



Function principles

Inductive proximity switches are designed for wear-free non-contact detection of metal objects. Dual sensors are especially designed for position detection in rotary actuators. They combine the reliability of non-contact inductive sensor with the flexibility of a modular housing system.



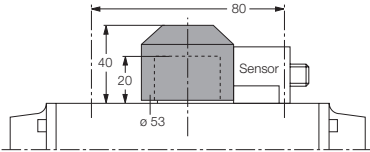
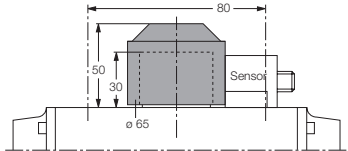
**inductive
dual sensor for rotary actuators
Ni4-DSU26TC-2AP4X2**

Mounting instructions

see mounting accessories

inductive dual sensor for rotary actuators Ni4-DSU26TC-2AP4X2

Accessories

Typ	Ident-No.	Description	Dimension drawing
BTS-DSC26-EB1	6900222	actuation kit (puck); end position dampened; hole pattern on flange surface 80 x 30 mm and 130 x 30 mm; connection shaft (shaft extension) height 20 mm / Ø max. 35 mm	
BTS-DSC26-EB2	6900223	actuation kit (puck); end position dampened; hole pattern on flange surface 80 x 30 mm and 130 x 30 mm; connection shaft (shaft extension) height 30 mm / Ø max. 50 mm	
BTS-DSC26-EB3	6900224	actuation kit (puck); end position dampened; hole pattern on flange surface 30 x 130 mm; connection shaft (shaft extension) height 30 mm / Ø max. 85 mm	