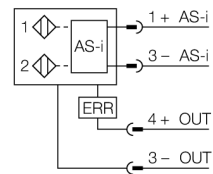


- Rectangular, housing DSU26
- Plastic, PP-GF30-VO
- Two outputs for monitoring the position of rotary actuators
- Mounting on all standard actuators
- Valves can be connected
- AS-Interface, 18...33 VDC
- Male M12 x 1

**Wiring diagram**

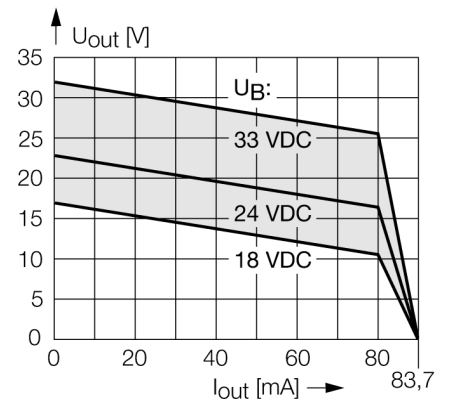


<b>Type code</b>	NI4-DSU26-2ASIX4-H1140
<b>Ident no.</b>	1902001
<b>Rated operating distance Sn</b>	4 mm
<b>Mounting condition</b>	non-flush
<b>Correction factors</b>	St37 = 1; Al = 0.3; stainless steel = 0.7; Ms = 0.4
<b>Repeatability</b>	≤ 2 % of full scale
<b>Temperature drift</b>	10 %
<b>Hysteresis</b>	3...15 %
<b>Ambient temperature</b>	-25...+70 °C
<b>Operating voltage</b>	18...33VDC
<b>No-load current I<sub>0</sub></b>	≤ 35 mA
<b>Rated insulation voltage</b>	≤ 0.5 kV
<b>Output function</b>	2-wire, 2x NO, AS-i
<b>I/O configuration (HEX) / ID code (HEX)</b>	S-7/ F
<b>I/O matrix input</b>	0 = upper sensor S01 1 = lower sensor S02 2 = wire-break at output 3 = not used
<b>I/O matrix output</b>	0 = output 1 1 - 3 = not used
<b>Short-circuit protection / output watchdog</b>	yes/ yes
<b>Wire breakage protection I<sub>wb</sub></b>	≤ 0.1 mA
<b>Output LEDs</b>	yellow: output / red: Wire-break
<b>Switching frequency</b>	0.03 kHz
<b>Design</b>	dual sensor for valve monitoring, DSU26
<b>Dimensions</b>	68 x 60 x 35.4 mm
<b>Housing material</b>	plastic, PP, yellow
<b>Material active area</b>	Plastic, PP, Black
<b>Connection</b>	male, M12 x 1
<b>Vibration resistance</b>	55 Hz (1 mm)
<b>Shock resistance</b>	30 g (11 ms)
<b>Protection class</b>	IP67
<b>Switching state</b>	LED yellow / yellow

**Functional principle**

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

**derating curve**





**Inductive**

**dual sensor for rotary actuators**

**NI4-DSU26-2ASIX4-H1140**

**TURCK**

**Industrial  
Automation**

### Accessories

Type code	Ident no.	Description	Dimension drawing
BTS-DSC26-EB1	6900222	Actuation kit (puck) for dual sensors; end position damped; hole pattern on flange surface 80 x 30 mm and 130 x 30mm; connection shaft (shaft extension) height 20 mm / Ø max. 35 mm	
BTS-DSC26-EB2	6900223	Actuation kit (puck) for dual sensors; end position damped; hole pattern on flange surface 80 x 30 mm and 130 x 30mm; connection shaft (shaft extension) height 30 mm / Ø max. 50 mm	
BTS-DSC26-EB3	6900224	Actuation kit (puck) for dual sensors; end position damped; hole pattern on flange surface 30 x 130 mm; connection shaft (shaft extension) height 30 mm / Ø max. 85 mm	