

# SENITEC

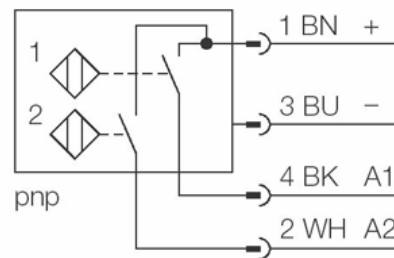
Position Indication Devices

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**Inductive  
Switch  
IS56DC**

## DATA SHEET

### INDUCTIVE SWITCH IS56DC



#### ELECTRICAL CHARACTERISTICS:

SWITCH RATING	
INPUT VOLTAGE ( $V_{IN}$ )	10-30 VDC
OUTPUT CURRENT	$< 200$ mA DC
OUTPUT FUNCTION	4-WIRE, 2x NORMALLY OPEN, PNP
MAX OFF-STATE CURRENT	$\leq 0.1$ mA
MAX SWITCHING FREQ	$\leq 0.05$ kHz
RATED INSULATION VOLTAGE	$\leq 0.5$ kV
SHORT-CIRCUIT PROTECTION	YES
WIRE BREAKAGE PROTECTION	YES
REVERSE POLARITY PROTECTION	YES
SWITCHING INDICATION	2 LEDs: YELLOW/RED

#### MECHANICAL CHARACTERISTICS:

DIMENSIONS	28 x 42 x 26 mm
WIRING	CONNECTOR, MICRO 12
OPERATING TEMPERATURE	-25 TO 70°C
RATED SENSING DISTANCE	4 mm
MIN REPEAT ACCURACY	$\leq 2\%$
VIBRATION RESISTANCE	55 Hz (1 mm)
SHOCK RESISTANCE	30G (11 ms)