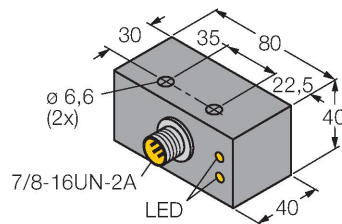


BI20-CK4080-ADZ30X2-B1131

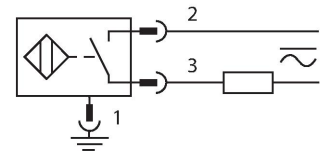
Inductive sensor



Features

- Rectangular, height 40 mm
- Sensor housing, PBT
- Active face, PBT
- AC 2-wire, 20...250 VDC
- DC 2-wire, 10...300 VDC
- NO contact
- 7/8" male connector

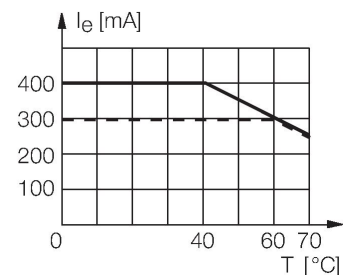
Wiring diagram



Technical data

Type	BI20-CK4080-ADZ30X2-B1131
Ident. no.	4283493
Rated switching distance	20 mm
Mounting conditions	Flush
Repeat accuracy	≤ 2 % of full scale
Hysteresis	3...15 %
Operating voltage	20...250 VAC
Operating voltage	10...300 VDC
AC rated operational current	≤ 400 mA
DC rated operational current	≤ 300 mA
Frequency	≥ 50...≤ 60 Hz
Residual current	≤ 1.7 mA
Isolation test voltage	≤ 1.5 kV
Surge current	≤ 3 A (≤ 20 ms max. 5 Hz)
Short-circuit protection	yes / Latching
Voltage drop at I _e	≤ 6 V
Wire breakage/Reverse polarity protection	yes / Complete
Output function	2-wire, NO contact
Smallest operating current	≥ 3 mA
Switching frequency	0.03 kHz
Design	Rectangular, CK4080
Dimensions	80 x 40 x 40 mm
Housing material	Plastic, PBT, Black
Active area material	PBT

Functional principle



Technical data

Electrical connection	Connector, 7/8"
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Power-on indication	LED, Green
Switching state	LED, Red

Mounting instructions

Mounting instructions/Description	
	Distance D
	3 x B
	Distance W
	3 x Sn
	Distance S
	1.5 x B
	Distance G
	6 x Sn