

BCS1 Miniature Slot Sensors



Simple, Space-Saving Detection

- Multiple housing shapes with 5 millimeter slot width provide reliable, cost-efficient sensing, giving flexibility to choose the right sensor for applications
- Robust IP64-rated housing resists shock and vibration, maintaining dependable sensing even when mounted on vibrating equipment
- Bright red LED indication is visible from multiple angles, quickly communicating output status
- Built-in enhanced circuit protection protects against shorts and wiring errors, reducing sensor failures during commissioning



BCS1 Miniature Slot Sensor

Series

BCS1

Housing

K

Output Logic

V

Output Type

P

Connection

Q

K = K type
L = L type
T = T type

Y = Y type
R = R type

V = Complementary (NO and NC)

P = PNP
N = NPN

2M = 2 m cable
Q = 150 mm (6 in) cable with M8 male QD


K Type


L Type

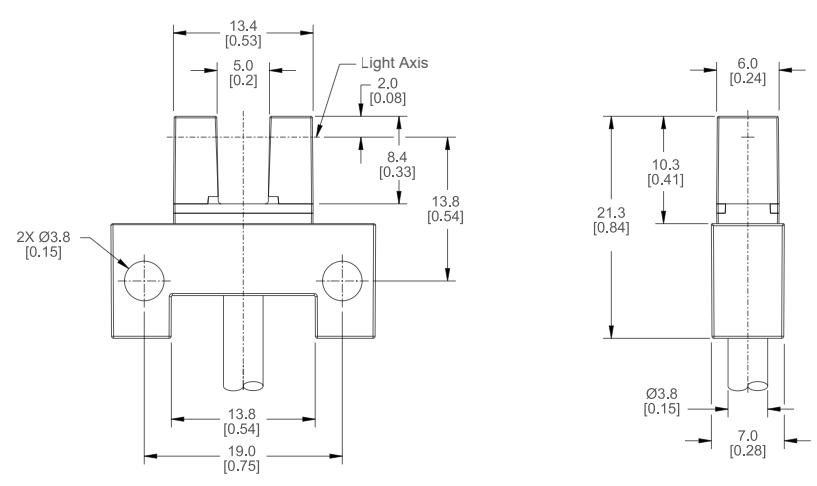

T Type


Y Type


R Type

Specifications

K Housing Type Dimensions Shown



NPN Wiring Diagram

PNP Wiring Diagram


1 = Brown
2 = White
3 = Blue
4 = Black

Supply Voltage

Slot Opening

Minimum Object Detection

Switching Frequency

Environmental Rating

Operating Temperature

Certifications

5 to 24 V DC
Width: 5 mm
Depth: 8.4 mm
0.8 x 1.2 mm opaque object
3 kHz
IP64
-20 to +55 °C (-4 to +131 °F)
CE, cULUS

Accessories


4-Pin M8
Straight connector
models listed

BC-M8F4-24-2
2 m (6.5')
BC-M8F4-24-5
5 m (16.4')
BC-M8F4-24-10
10 m (32.8')


4-Pin M8
Double-ended
connector models

BC-M8F4-M8M4-24-2
2 m (6.5')
BC-M8F4-M8M4-24-5
5 m (16.4')
BC-M8F4-M8M4-24-10
10 m (32.8')



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