

# 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

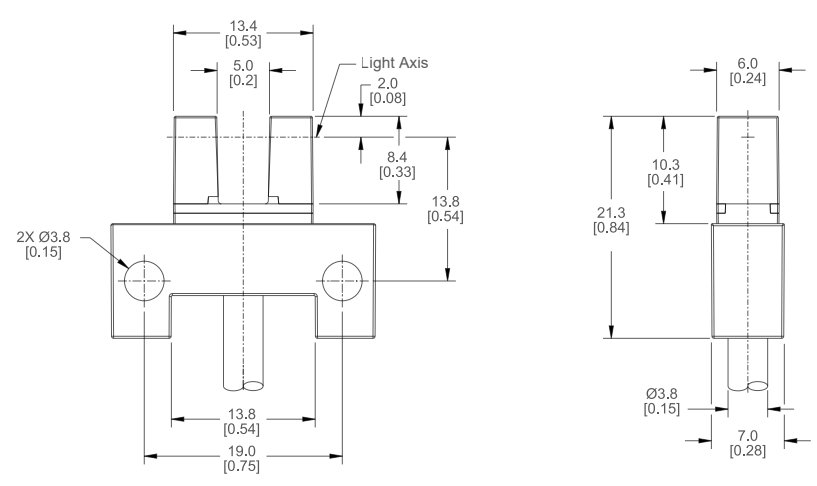
  
T Type

  
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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