

BCS003K Cut Sheet



Balluff capacitive proximity sensor, round, 50mm diameter x 10mm body, polyoxymethylene (POM) housing, top sensing, NPN/PNP, N.O./N.C. selectable, 25mm sensing distance, flush, 50 Hz switching frequency, IP67, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/BCS003K>

Technical Specifications

Brand	Balluff
Item	Proximity sensor
Sensor Type	Capacitive
Application	Standard duty
Shape	Round
Housing Size	50mm diameter x 10mm body
Housing Material	Polyoxymethylene (POM)
Barrel Type	Smooth
Sensing Face	Top sensing
Adjustable	Yes
Number of Wires	3
Switching Output	NPN/PNP
Operation Mode	N.O./N.C. selectable

Sensing Distance	25mm
Mounting Type	Flush
IO-Link Compatible	No
Switching Frequency	50 Hz
Operating Voltage	10-30 VDC
Operating Temperature	-30 to 60 deg C
Weld Field Immune	No
Chip Immune	No
IP Rating	IP67
Connection	Pigtail
Cable Length	6.5ft/2m
Jacket Material	PVC
Includes	Adjustment tool

Agency Approvals

UL Listed File #	E117437
CE	View CE declarations
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/BCS003K.pdf>
See store item page for other formats.