

BALLUFF

Capacitive Proximity Sensors

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**BCS00NA**

- Operating distance 4mm [0.16 in] to 30mm [1.18 in]
- Stainless steel or polybutylene terephthalate housing
- LCP (liquid crystal polymer) active face
- Cable or M12 connector
- PNP or NPN, N.O. or N.C.
- IP66 or IP67 protection



Capacitive Proximity Sensor Selection Chart (Tubular)

Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Housing Material	Data Sheet Link	Drawing Link
M12									
BCS00P0	\$;05?9f:	4mm [0.16 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00P1	\$05?9e:			N.C.				PDF	PDF
BCS00P4	\$05?9d:	8mm [0.31 in]	Non-flush	N.O.			Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF
BCS00PJ	\$05?98:	4mm [0.16 in]	Flush			PDF			PDF
BCS00PU	\$05?99:					PDF			PDF
BCS00R0	\$05?9h:	8mm [0.31 in]	Non-flush			PDF			PDF
BCS00R1	\$05?9g:					N.C.			PDF
BCS0179	\$-05?9i:			N.O.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS017A	\$05?9b:			N.C.				PDF	PDF
BCS017K	\$05?9c:	N.O.	PDF	PDF					
BCS017L	\$05?9a:	5mm [0.20 in]	Flush	N.C.				PDF	PDF
M18									
BCS006A	\$05?9p:	15mm [0.59 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00LM	\$05?9k:						Polybutylene Terephthalate	PDF	PDF
BCS00M8	\$05?9n:	8mm [0.31 in]	Flush				NPN	Stainless Steel	PDF
BCS00MF	\$-05?9j:				Polybutylene Terephthalate			PDF	PDF
BCS00MJ	\$-05?9l:				PNP		Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF
BCS00NZ	\$05?9o:					PDF			PDF
M30									
BCS004K	\$05?9x:	20mm [0.79 in]	Flush	N.O./N.C.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS004M	\$05?9v:					4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS004T	\$05?9q:	Stainless Steel	PDF				PDF		
BCS007F	\$05?9u:	Polybutylene Terephthalate	PDF				PDF		
BCS007L	\$05?9y:	30mm [1.18 in]	Non-flush				Stainless Steel	PDF	PDF
BCS00NA	\$;05?9t:	15mm [0.59 in]	Flush	N.O.			Polybutylene Terephthalate	PDF	PDF
BCS00NH	\$05?9s:	25mm [0.98 in]	Non-flush					PDF	PDF

Capacitive Proximity Sensors**BCS003K**

- Operating distance 25mm [0.98 in]
- Polyoxymethylene (POM) thermoplastic housing
- LCP (liquid crystal polymer) active face
- Cable or M8 connector
- PNP or NPN, N.O. or N.C.
- IP65 or IP67 protection

**Capacitive Proximity Sensor Selection Chart (Round)**

Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Housing Material	Data Sheet Link	Drawing Link
<u>BCS003K</u>	\$05?9#:	25mm [0.98 in]	Flush	N.O./N.C.	NPN/PNP	Cable, 3-pole, 6.5ft/2m	Polyoxymethylene (POM)	PDF	PDF
<u>BCS003L</u>	\$.05?9!:					3-pin M8 quick-disconnect		PDF	PDF

Capacitive Proximity Sensors**BCS00TR**

- Operating distance 8mm [0.31 in] to 20mm [0.79 in]
- Polypropylene or polybutylene terephthalate housing
- LCP (liquid crystal polymer) active face
- Cable or M8 connector
- PNP or NPN, N.O. or N.C.
- IP67 protection

**BCS012A****Capacitive Proximity Sensor Selection Chart (Flat)**

Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Housing Material	Data Sheet Link	Drawing Link
Square									
BCS00TR	\$5?9z:	20mm [0.79 in]	Flush	N.O./N.C.	NPN/PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS00U6	\$.5?9j:			N.O.	PNP	3-pin M8 quick-disconnect		PDF	PDF
Rectangular									
BCS012A	\$05?9_:	8mm [0.31 in]	Flush	N.O.	PNP	Cable, 3-pole, 0.9ft/0.3m	Polypropylene (PP)	PDF	PDF
BCS012T	\$.05?t4:					4-pin M8 quick-disconnect		PDF	PDF