# **BALLUFF** Capacitive Proximity Sensors

## **Capacitive Proximity Sensors**



- 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



#### **BCS00NA**

		Ca	apacitive	<b>Proximity</b>	Sensor	<b>Selection Chart</b>	(Tubular)		
Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Housing Material	Data Sheet Link	Drawing Link
M12									
BCS00P0	\$136.00	4mm [0.16 in]	Flush	N.O.		4-pin M12 quick-disconnect	Stainless Steel	PDF	<u>PDF</u>
BCS00P1	\$136.00			N.C.				PDF	<u>PDF</u>
BCS00P4	\$136.00	8mm [0.31 in]	Non-flush		PNP			PDF	<u>PDF</u>
BCS00PJ	\$100.00	4mm [0.16 in]	Flush	N.O.			Polybutylene Terephthalate	PDF	<u>PDF</u>
BCS00PU	\$102.00	411111 [0.16 11]				Cable, 3-pole, 6.5ft/2m		<u>PDF</u>	<u>PDF</u>
BCS00R0	\$102.00		Non-flush					PDF	<u>PDF</u>
BCS00R1	\$141.00	8mm [0.31 in]		N.C.				<u>PDF</u>	<u>PDF</u>
BCS0179	\$261.00	011111 [0.31 111]		N.O.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	<u>PDF</u>	<u>PDF</u>
BCS017A	\$261.00			N.C.				PDF	PDF
BCS017K	\$254.00	Fmm [0 20 in]	Flush	N.O.				<u>PDF</u>	<u>PDF</u>
BCS017L	\$254.00	5mm [0.20 in]		N.C.				PDF	<u>PDF</u>
M18									
BCS006A	\$212.00	15mm [0.59 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	<u>PDF</u>
BCS00LM	\$108.00	1311111 [0.39 11]					Polybutylene Terephthalate	<u>PDF</u>	<u>PDF</u>
BCS00M8	\$108.00		Flush					<u>PDF</u>	<u>PDF</u>
BCS00MF	\$126.00	8mm [0.31 in]					Stainless Steel	PDF	<u>PDF</u>
BCS00MJ	\$108.00				NPN		Polybutylene Terephthalate	<u>PDF</u>	<u>PDF</u>
BCS00NZ	\$111.00				PNP	Cable, 3-pole, 6.5ft/2m		<u>PDF</u>	<u>PDF</u>
M30									
BCS004K	\$153.00		Flush	N.O./N.C.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	<u>PDF</u>
BCS004M	\$151.00	20mm [0.79 in]				4-pin M12 quick-disconnect		PDF	PDF
BCS004T	\$200.00						Stainless Steel	<u>PDF</u>	<u>PDF</u>
BCS007F	\$151.00	30mm [1.18 in] 15mm [0.59 in] 25mm [0.98 in]	Non-flush				Polybutylene Terephthalate	PDF	PDF
BCS007L	\$234.00						Stainless Steel	PDF	PDF
BCS00NA	\$109.00		Flush	NO			Dalahadana Tasaddi - I-C	PDF	<u>PDF</u>
BCS00NH	\$109.00		Non-flush	N.O.			Polybutylene Terephthalate	PDF	<u>PDF</u>

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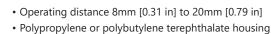
- Polyoxymethylene (POM) thermoplastic housing
- LCP (liquid crystal polymer) active face
- Cable or M8 connector
- PNP or NPN, N.O. or N.C.
- IP65 or IP67 protection

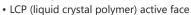


BCS00	3K
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Capacitive Proximity Sensor Selection Chart (Round)										
Part Number	Price	Sensing Range	Mounting	Output State	Logic	Connection	Housing Material	Data Sheet Link	Drawing Link	
BCS003K	\$132.00	25mm [0.98 in]	Flush	N.O./N.C.	NPN/PNP	Cable, 3-pole, 6.5ft/2m	Polyoxymethylene (POM)	<u>PDF</u>	<u>PDF</u>	
BCS003L	\$129.00					3-pin M8 quick-disconnect		<u>PDF</u>	<u>PDF</u>	

### **Capacitive Proximity Sensors**





- Cable or M8 connector
- PNP or NPN, N.O. or N.C.
- IP67 protection



BCS012A

#### **BCS00TR**

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	\$92.00	20mm [0.79 in]	Flush	N.O./N.C.	NPN/PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	<u>PDF</u>	
BCS00U6	\$92.00			N.O.	PNP	3-pin M8 quick-disconnect		PDF	PDF	
Rectangular										
BCS012A	\$141.00	8mm [0.31 in]	Flush	N.O.	PNP -	Cable, 3-pole, 0.9ft/0.3m	Polypropylene (PP)	PDF	<u>PDF</u>	
BCS012T	\$143.00					4-pin M8 quick-disconnect		PDF	<u>PDF</u>	