BALLUFF Capacitive Proximity Sensors

Capacitive Proximity Sensors

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

NEED CABLES?

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	$136.00	4mm [0.16 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00P1	$136.00	4mm [0.16 in]	Flush	N.C.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00P4	$136.00	8mm [0.31 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00PJ	$100.00	4mm [0.16 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS00PU	$102.00	4mm [0.16 in]	Flush	N.O.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS00R0	$102.00	8mm [0.31 in]	Non-flush	N.O.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS00R1	$141.00	8mm [0.31 in]	Non-flush	N.C.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS0179	$261.00	8mm [0.31 in]	Non-flush	N.O.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS017A	$261.00	8mm [0.31 in]	Non-flush	N.C.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS017K	$254.00	5mm [0.20 in]	Flush	N.O.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS017L	$254.00	5mm [0.20 in]	Flush	N.C.	NPN/PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
M18									
BCS006A	$212.00	15mm [0.59 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00LM	$108.00	15mm [0.59 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS00M8	$108.00	8mm [0.31 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS00MF	$126.00	8mm [0.31 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00MJ	$108.00	8mm [0.31 in]	Flush	N.O.	NPN	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS00NZ	$111.00	8mm [0.31 in]	Flush	N.O.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
M30									
BCS004K	$153.00	20mm [0.79 in]	Flush	N.O./N.C.	PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
BCS004M	$151.00	20mm [0.79 in]	Flush	N.O./N.C.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS004T	$200.00	20mm [0.79 in]	Flush	N.O./N.C.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS007F	$151.00	30mm [1.18 in]	Non-flush	N.O./N.C.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS007L	$234.00	30mm [1.18 in]	Non-flush	N.O./N.C.	PNP	4-pin M12 quick-disconnect	Stainless Steel	PDF	PDF
BCS00NA	$109.00	15mm [0.59 in]	Flush	N.O.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF
BCS00NH	$109.00	25mm [0.98 in]	Non-flush	N.O.	PNP	4-pin M12 quick-disconnect	Polybutylene Terephthalate	PDF	PDF

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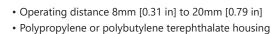- Operating distance 25mm [0.98 in]
- Polyoxymethylene (POM) thermoplastic housing
- LCP (liquid crystal polymer) active face
- Cable or M8 connector
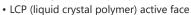- PNP or NPN, N.O. or N.C.
- IP65 or IP67 protection

BCS003K

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)	PDF	PDF
BCS003L	$129.00					3-pin M8 quick-disconnect		PDF	PDF

Capacitive Proximity Sensors

- 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

BCS00TR

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	$92.00	20mm [0.79 in]	Flush	N.O./N.C.	NPN/PNP	Cable, 3-pole, 6.5ft/2m	Polybutylene Terephthalate	PDF	PDF
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	PDF
BCS012T	$143.00					4-pin M8 quick-disconnect		PDF	PDF