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# Capacitive Proximity Sensors



BCS00NA

## Capacitive Proximity Sensors

- 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 | | 4mm [0.16in] | Flush | N.O. | PNP | 4-pin M12 quick-disconnect | Stainless Steel | PDF | PDF |
| BCS00P1 | | | | N.C. | | | | PDF | PDF |
| BCS00P4 | | 8mm [0.31in] | Non-flush | N.O. | | | | PDF | PDF |
| BCS00PJ | | 4mm [0.16in] | Flush | | | | Polybutylene Terephthalate | PDF | PDF |
| BCS00PU | | | | | | Cable, 3-pole, 6.5ft/2m | | PDF | PDF |
| BCS00R0 | | 8mm [0.31in] | Non-flush | | | | | PDF | PDF |
| BCS00R1 | | | | N.C. | | | | PDF | PDF |
| BCS0179 | | | | N.O. | NPN/PNP | 4-pin M12 quick-disconnect | Stainless Steel | PDF | PDF |
| BCS017A | | | | N.C. | | | | PDF | PDF |
| BCS017K | | 5mm [0.20in] | Flush | N.O. | | | | PDF | PDF |
| BCS017L | | | | N.C. | | | | PDF | PDF |
| ***M18*** | | | | | | | | | |
| BCS006A | | 15mm [0.59in] | Non-flush | N.O. | PNP | 4-pin M12 quick-disconnect | Stainless Steel | PDF | PDF |
| BCS00LM | | | | | | | Polybutylene Terephthalate | PDF | PDF |
| BCS00M8 | | 8mm [0.31in] | Flush | | | | | PDF | PDF |
| BCS00MF | | | | | | | Stainless Steel | PDF | PDF |
| BCS00MJ | | | | | NPN | | Polybutylene Terephthalate | PDF | PDF |
| BCS00NZ | | | | | PNP | Cable, 3-pole, 6.5ft/2m | | PDF | PDF |
| ***M30*** | | | | | | | | | |
| BCS004K | | 20mm [0.79in] | Flush | N.O./N.C. | PNP | Cable, 3-pole, 6.5ft/2m | Polybutylene Terephthalate | PDF | PDF |
| BCS004M | | | | | | 4-pin M12 quick-disconnect | | PDF | PDF |
| BCS004T | | | | | | | Stainless Steel | PDF | PDF |
| BCS007F | | 30mm [1.18in] | Non-flush | | | | Polybutylene Terephthalate | PDF | PDF |
| BCS007L | | | | | | | Stainless Steel | PDF | PDF |
| BCS00NA | | 15mm [0.59in] | Flush | N.O. | | | Polybutylene Terephthalate | PDF | PDF |
| BCS00NH | | 25mm [0.98in] | Non-flush | | | | | PDF | PDF |

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# Capacitive Proximity Sensors



## Capacitive Proximity Sensors

- 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*** | | 25mm [0.98in] | Flush | N.O./N.C. | NPN/PNP | Cable, 3-pole, 6.5ft/2m | Polyoxymethylene (POM) | PDF | PDF |
| ***BCS003L*** | | | | | | 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*** | | 20mm [0.79in] | Flush | N.O./N.C. | NPN/PNP | Cable, 3-pole, 6.5ft/2m | Polybutylene Terephthalate | PDF | PDF |
| ***BCS00U6*** | | | | N.O. | PNP | 3-pin M8 quick-disconnect | | PDF | PDF |
| ***Rectangular*** | | | | | | | | | |
| ***BCS012A*** | | 8mm [0.31in] | Flush | N.O. | PNP | Cable, 3-pole, 0.9ft/0.3m | Polypropylene (PP) | PDF | PDF |
| ***BCS012T*** | | | | | | 4-pin M8 quick-disconnect | | PDF | PDF |