



# CANEO Series10 Hygienic Capacitive Switches

## Overview

### MEETS THE HIGHEST OF HYGIENE STANDARDS AS THE FIRST EHEDG-CERTIFIED SWITCH

The CANEO Series10 Hygienic is the first EHEDG-certified switch (European Hygienic Engineering and Design Group). It also meets FDA requirements, making it perfect for all industries with high requirements for hygienic cleaning, such as the food & beverages and medicine & pharmaceuticals sectors.



CS10HMSDT-C20-030B

CS10HMSDT-B14-0475

| *22mm Series10 Hygienic Capacitive Switches |         |                            |                |                |              |                       |                     |                          |                     |
|---------------------------------------------|---------|----------------------------|----------------|----------------|--------------|-----------------------|---------------------|--------------------------|---------------------|
| Part Number                                 | Price   | LED Color<br>(Idle/Active) | Switch<br>Type | LED Control    | Legend       | Symbol<br>Illuminated | Connection<br>(M12) | Output Pulse             | Drawing<br>Link     |
| <a href="#">CS10HMSDT-C10-02F1</a>          | \$79.00 | green/red                  | Dynamic        | Semi-automatic | START        | No                    | 4-pole              | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C10-02F2</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C11-054C</a>          | \$79.00 | red/green                  | Dynamic        |                | STOP         |                       |                     | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C11-054D</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C12-02F9</a>          | \$79.00 | green/red                  | Dynamic        |                | ON/OFF       |                       |                     | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C12-02FA</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C12-02FB</a>          | \$79.00 |                            | Toggle         |                |              |                       |                     | Toggle                   | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C16-0469</a>          | \$79.00 | red/green                  | Static         |                | Power Symbol |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C16-054E</a>          | \$79.00 |                            |                |                |              |                       |                     |                          | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C17-0306</a>          | \$79.00 | green/red                  | Dynamic        |                | START        |                       |                     | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C17-0307</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C17-030A</a>          | \$79.00 |                            | Dynamic        | Manual         | 5-pole       |                       | Approx. 300ms       | <a href="#">PDF</a>      |                     |
| <a href="#">CS10HMSDT-C20-030B</a>          | \$79.00 |                            | Static         | Semi-automatic | -            |                       | 4-pole              | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-C20-020C</a>          | \$79.00 |                            |                | Manual         |              |                       | 5-pole              | <a href="#">PDF</a>      |                     |
| <a href="#">CS10HMSDT-B10-0314</a>          | \$79.00 |                            | Dynamic        | Semi-automatic | START        | Yes                   | 4-pole              | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-B10-0315</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-B11-0316</a>          | \$79.00 | red/green                  | Dynamic        |                | STOP         |                       |                     | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-B11-0473</a>          | \$79.00 |                            | Static         |                |              |                       |                     | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMSDT-B14-0475</a>          | \$79.00 | green/red                  |                |                |              |                       |                     | Power Symbol             |                     |

| 22mm Series10 Hygienic Capacitive Switches                                                                       |         |                         |             |                |              |                    |                        |                          |                     |
|------------------------------------------------------------------------------------------------------------------|---------|-------------------------|-------------|----------------|--------------|--------------------|------------------------|--------------------------|---------------------|
| Part Number                                                                                                      | Price   | LED Color (Idle/Active) | Switch Type | LED Control    | Legend       | Symbol Illuminated | Connection             | Output Pulse             | Drawing Link        |
| <a href="#">CS10HMODU-C16-0A60</a>                                                                               | \$79.00 | green/red               | Static      | Semi-automatic | Power Symbol | Yes                | 7.87in (200mm) pigtail | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10HMODU-C19-0A3F</a>                                                                               | \$79.00 | teal/red                |             | Automatic      | RESET        | No                 |                        |                          | <a href="#">PDF</a> |
| <a href="#">CS10HMODU-C20-0A61</a>                                                                               | \$79.00 | green/red               |             | Semi-automatic | -            |                    |                        |                          | <a href="#">PDF</a> |
| Note: An additional pigtail connection makes these part numbers distinguishable from other parts in this series. |         |                         |             |                |              |                    |                        |                          |                     |



# CANEO Series10 Hygienic Capacitive Switches

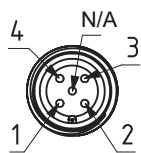
| 22mm Series10 Hygienic Capacitive Switches Specifications |                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------|
| <b>Supply Voltage</b>                                     | 24VDC [8.4 to 32V]                                                   |
| <b>Output</b>                                             | PNP-N.O.                                                             |
| <b>Load Current</b>                                       | Max 200mA                                                            |
| <b>Current Consumption</b>                                | Max 40mA @24V                                                        |
| <b>Operating Temperature</b>                              | -30 to 65°C [-22 to 149°F]                                           |
| <b>Storage Temperature</b>                                | -30 to 65°C [-22 to 149°F]                                           |
| <b>IP Rating</b>                                          | IP69K                                                                |
| <b>Material</b>                                           | Housing: Stainless Steel (V4A)<br>Switch surface: Polycarbonate (PC) |
| <b>Weight (lbs)</b>                                       | 0.1                                                                  |
| <b>Agency Approvals</b>                                   | CE, CSA                                                              |



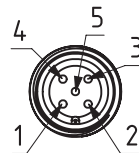
| IO-Link Specifications |      |
|------------------------|------|
| <b>IO-Link</b>         | v1.1 |
| <b>Port Speed</b>      | COM2 |
| <b>SIO Supported</b>   | Yes  |
| <b>ISDU Supported</b>  | Yes  |
| <b>Data Storage</b>    | Yes  |
| <b>Block Parameter</b> | No   |

## Wiring Diagrams

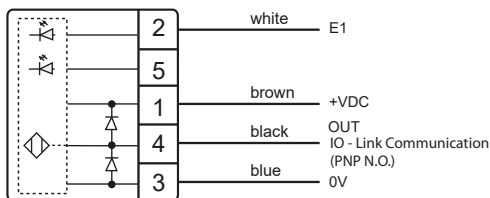
Plug M12, 4-pin



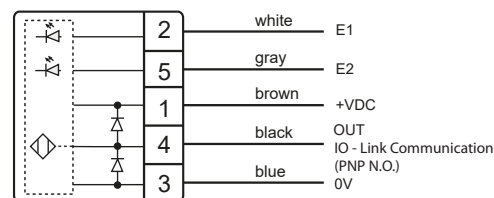
Plug M12, 5-pin



4-pin



5-pin



### WARNING



#### Improper work on electrical systems!

Electric shock can result in death or life-threatening injuries.

- Before working on electrical systems, disconnect them from their voltage supply and secure them against being switched on again.
- Work on electrical installations should be carried out only by qualified personnel in compliance with local and national electrical regulations and specifications.

#### Intended use

The SENSORswitch is intended for use in accordance with the items listed here, the values from the "Technical specifications" chapter and the product description.