

**CAPTRON**

# CANEO Series10 Standard Capacitive Switches

**IO-Link****CS10KMLDT-C12-00AE****CS10KMLDT-C20-00BB****CS10KMLDT-B14-054A**

## \*22mm Series10 Standard Capacitive Switches

| Part Number                        | Price   | LED Color<br>(Idle/Active) | Switch Type         | LED Control                  | Legend       | Symbol<br>Illuminated | Connection          | Output Pulse             | Drawing<br>Link          |                          |
|------------------------------------|---------|----------------------------|---------------------|------------------------------|--------------|-----------------------|---------------------|--------------------------|--------------------------|--------------------------|
| <a href="#">CS10KMLDT-C10-00A6</a> | \$59.00 | green/red                  | Dynamic             | Semi-automatic               | START        | No                    | 4-pole              | Approx. 300ms            | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C10-00A7</a> | \$59.00 |                            | Static              |                              |              |                       |                     | Continuous when actuated | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C11-0543</a> | \$59.00 | red/green                  | Dynamic             |                              | STOP         |                       |                     | Approx. 300ms            | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C11-0547</a> | \$59.00 |                            | Static              |                              |              |                       |                     | Continuous when actuated | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C12-00AE</a> | \$59.00 | green/red                  | Dynamic             |                              | ON/OFF       |                       |                     | Approx. 300ms            | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C12-00AF</a> | \$59.00 |                            | Static              |                              |              |                       |                     | Continuous when actuated | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C12-00B0</a> | \$59.00 |                            | Toggle              |                              |              |                       |                     | Toggle                   | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C16-0548</a> | \$59.00 | red/green                  | Static              |                              | Power Symbol |                       |                     |                          | Continuous when actuated | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-C16-0549</a> | \$59.00 |                            |                     |                              |              |                       |                     |                          |                          | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-C17-00B7</a> | \$59.00 | green/red                  | Dynamic             |                              | START        |                       |                     |                          | Approx. 300ms            | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-C17-00B8</a> | \$59.00 |                            | Static              |                              |              |                       |                     |                          | Continuous when actuated | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-C20-00BB</a> | \$59.00 |                            | Dynamic             |                              |              |                       | Approx. 300ms       | <a href="#">PDF</a>      |                          |                          |
| <a href="#">CS10KMLDT-C20-00BC</a> | \$59.00 |                            |                     | Manual                       |              |                       |                     | <a href="#">PDF</a>      |                          |                          |
| <a href="#">CS10KMLDT-C20-00BD</a> | \$59.00 |                            | Semi-automatic      | 4-pole                       |              |                       |                     | Continuous when actuated | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-C20-00BE</a> | \$59.00 |                            | Static              | Manual                       | 5-pole       |                       | <a href="#">PDF</a> |                          |                          |                          |
| <a href="#">CS10KMLDT-B10-00C7</a> | \$59.00 |                            | Dynamic             | Semi-automaticSemi-automatic | START        | Yes                   | 4-pole              | Approx. 300ms            | <a href="#">PDF</a>      |                          |
| <a href="#">CS10KMLDT-B10-00C8</a> | \$59.00 |                            |                     |                              |              |                       |                     | Static                   | Continuous when actuated | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-B11-00C9</a> | \$59.00 |                            | red/green           |                              | Dynamic      |                       |                     | STOP                     | Approx. 300ms            | <a href="#">PDF</a>      |
| <a href="#">CS10KMLDT-B11-00CA</a> | \$59.00 |                            |                     |                              | Static       |                       |                     |                          | Power Symbol             | Continuous when actuated |
| <a href="#">CS10KMLDT-B14-054A</a> | \$59.00 | green/red                  | <a href="#">PDF</a> |                              |              |                       |                     |                          |                          |                          |
| <a href="#">CS10KMLDT-B14-054B</a> | \$59.00 | red/green                  | <a href="#">PDF</a> |                              |              |                       |                     |                          |                          |                          |

\*Purchase cable separately.

## 22mm Series10 Standard Capacitive Switches

| Part Number                        | Price   | LED Color (Idle/Active) | Switch Type | LED Control    | Legend       | Symbol Illuminated | Connection             | Output Pulse             | Drawing Link        |
|------------------------------------|---------|-------------------------|-------------|----------------|--------------|--------------------|------------------------|--------------------------|---------------------|
| <a href="#">CS10KMMDU-B13-092D</a> | \$59.00 | blue/off                | dynamic     | automatic      | RESET        | Yes                | 7.87in (200mm) pigtail | Approx. 300ms            | <a href="#">PDF</a> |
| <a href="#">CS10KMMDU-B14-0A5F</a> | \$59.00 | green/red               | static      | semi-automatic | Power Symbol | No                 |                        | Continuous when actuated | <a href="#">PDF</a> |
| <a href="#">CS10KMMDU-C20-0793</a> | \$59.00 |                         | dynamic     |                | -            | Yes                |                        | Approx. 300ms            | <a href="#">PDF</a> |

Note: An additional pigtail connection makes these part numbers distinguishable from other parts in this series.



# CANEO Series10 Standard Capacitive Switches

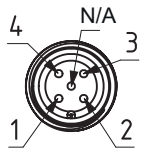
| 22mm Series10 Standard Capacitive Switches Specifications |                                                                   |
|-----------------------------------------------------------|-------------------------------------------------------------------|
| Supply Voltage                        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



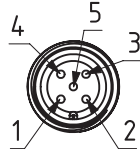
| IO-Link Specifications |      |
|------------------------|------|
| IO-Link                | v1.1 |
| Port Speed             | COM2 |
| SIO Supported          | Yes  |
| ISDU Supported         | Yes  |
| Data Storage           | Yes  |
| Block Parameter        | No   |

## Wiring Diagrams

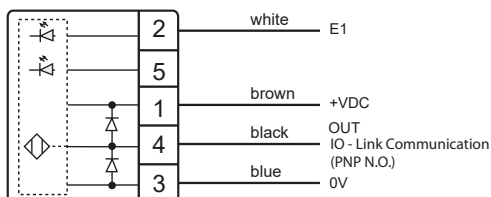
Plug M12, 4-pin



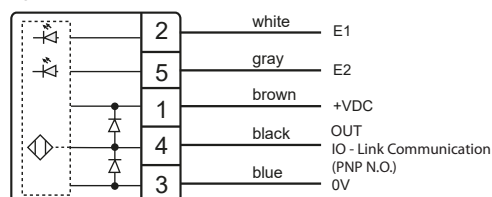
Plug M12, 5-pin



4-pin



5-pin



## Safety

### General safety

All work on electrical systems or operating equipment may only be carried out by a specially qualified electrician according to the applicable electrotechnical regulations.

The safety of the system in which the SENSORswitch is integrated is the responsibility of the operator.



### 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.
- ▶ Wear appropriate personal protective equipment (PPE).