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

*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
CS10KMMDU-B13-092D	$59.00	blue/off	dynamic	automatic	RESET	Yes	7.87in (200mm) pigtail	Approx. 300ms	PDF
CS10KMMDU-B14-0A5F	$59.00	green/red	static	semi-automatic	Power Symbol	No		Continuous when actuated	PDF
CS10KMMDU-C20-0793	$59.00		dynamic		-	Yes		Approx. 300ms	PDF

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

CAPTRON

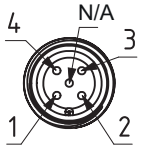
CANEO Series10 Standard Capacitive Switches

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) Switch surface: Polycarbonate (PC)
Weight (lbs)	0.1
Agency Approvals	CE, CSA

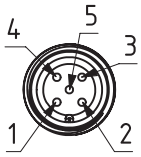
IO-Link Specifications	
IO-Link	v1.1
Port Speed	COM2
SIO Supported	Yes
ISDU Supported	Yes
Data Storage	Yes
Block Parameter	No

Wiring Diagrams

Plug M12, 4-pin



Plug M12, 5-pin



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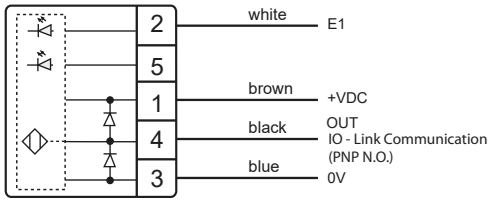

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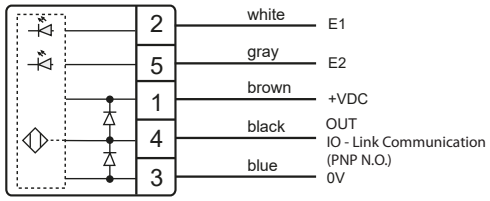


Safety

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.

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.
- Wear appropriate personal protective equipment (PPE).

CAPTRON 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-C12-02

CS10HMSDT-C20-030B

CS10HMSDT-B14-0475

IO-Link

*22mm Series10 Hygienic Capacitive Switches

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

22mm Series10 Hygienic Capacitive Switches

Part Number	Price	LED Color (Idle/Active)	Switch Type	LED Control	Legend	Symbol Illuminated	Connection	Output Pulse	Drawing Link
CS10HMODU-C16-0A60	$79.00	green/red	Static	Semi-automatic	Power Symbol	Yes	7.87in (200mm) pigtail	Continuous when actuated	PDF
CS10HMODU-C19-0A3F	$79.00	teal/red		Automatic	RESET	No			PDF
CS10HMODU-C20-0A61	$79.00	green/red		Semi-automatic	-				PDF

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

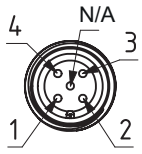
CAPTRON CANEO Series10 Hygienic Capacitive Switches

22mm Series10 Hygienic 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: Stainless Steel (V4A) Switch surface:Polycarbonate (PC)
Weight (lbs)	0.1
Agency Approvals	CE, CSA

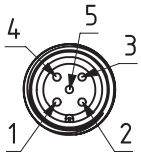
IO-Link Specifications	
IO-Link	v1.1
Port Speed	COM2
SIO Supported	Yes
ISDU Supported	Yes
Data Storage	Yes
Block Parameter	No

Wiring Diagrams

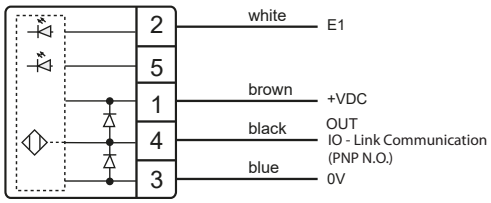
Plug M12, 4-pin



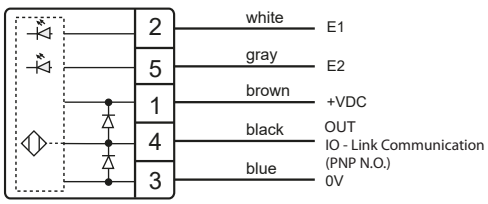
Plug M12, 5-pin



4-pin



5-pin



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.

CAPTRON

CANEO Series10 Stainless Steel Capacitive Switches

IO-Link

CS10SMTDT-C12-044C

CS10SMTDT-C20-0453

CS10SMTDT-B14-045E

*22mm Series10 Stainless Steel Capacitive Switches									
Part Number	*Price*	*LED Color (Idle/Active)*	*Switch Type*	*LED Control*	*Legend*	*Symbol Illuminated*	*Connection (M12)/*	*Output Pulse*	*Drawing Link*
CS10SMTDT-C10-0448	$73.00	green/red	Dynamic	Semi-automatic	START	No	4-pole	Approx. 300ms	PDF
CS10SMTDT-C10-0449	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-C11-054F	$73.00	red/green	Dynamic		STOP			Approx. 300ms	PDF
CS10SMTDT-C11-0550	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-C12-044C	$73.00	green/red	Dynamic		ON/OFF			Approx. 300ms	PDF
CS10SMTDT-C12-044D	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-C12-044E	$73.00		Toggle					Toggle	PDF
CS10SMTDT-C16-044F	$73.00		Static		Power Symbol			Continuous when actuated	PDF
CS10SMTDT-C16-0551	$73.00	red/green							PDF
CS10SMTDT-C17-0451	$73.00	green/red	Dynamic		START			Approx. 300ms	PDF
CS10SMTDT-C17-0452	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-C20-0453	$73.00		Dynamic		-			Approx. 300ms	PDF
CS10SMTDT-C20-0454	$73.00			Manual			5-pole		PDF
CS10SMTDT-C20-0455	$73.00		Static	Semi-automatic			4-pole	Continuous when actuated	PDF
CS10SMTDT-C20-0456	$73.00			Manual			5-pole		PDF
CS10SMTDT-B10-0457	$73.00		Dynamic	Semi-automatic	START	Yes	4-pole	Approx. 300ms	PDF
CS10SMTDT-B10-0458	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-B11-045B	$73.00	red/green	Dynamic		STOP			Approx. 300ms	PDF
CS10SMTDT-B11-045C	$73.00		Static					Continuous when actuated	PDF
CS10SMTDT-B14-045E	$73.00	green/red			Power Symbol				PDF
CS10SMTDT-B14-0460	$73.00	red/green							PDF

***Purchase cable separately.**

CAPTRON

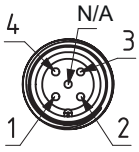
CANEO Series10 Stainless Steel Capacitive Switches

22mm Series10 Stainless Steel 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: Stainless Steel (V4A) Switch surface: Polycarbonate (PC)
Weight (lbs)	0.1
Agency Approvals	CE, CSA

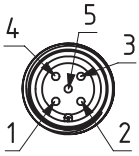
IO-Link Specifications	
IO-Link	v1.1
Port Speed	COM2
SIO Supported	Yes
ISDU Supported	Yes
Data Storage	Yes
Block Parameter	No

Wiring Diagrams

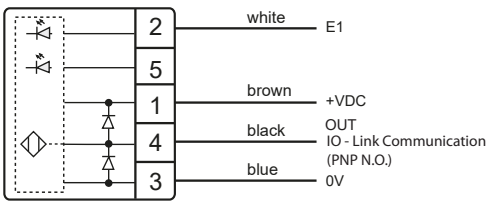
Plug M12, 4-pin



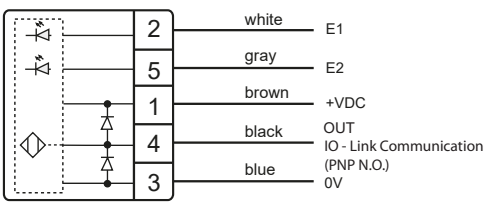
Plug M12, 5-pin



4-pin



5-pin



CAPTRON

CANEO Series41 and Series40 Standard Capacitive Switches

IO-Link CS41KCRBK-P10-01E7

CS41KCRBK-P11-029F

CS41KCRBK-P20-0253

*22mm Series41 and Series40 Standard Capacitive Switches									
Part Number	*Price*	*LED Color (Idle/Active)*	*Switch Type*	*LED Control*	*Legend*	*Symbol Illuminated*	*Connection*	*Output Pulse*	*Drawing Link*
CS40KMSBN-P20-063A	$159.00	green/red	Dynamic	Automatic	-	No	3-pole	Approx. 300ms	PDF
CS40KMSBN-P10-05BC	$159.00			Semi-automatic	Hand Symbol				PDF
CS41KCRBK-P10-01E7	$142.00			Automatic					PDF
CS41KCRBK-P10-029A	$142.00			Semi-automatic			4-pole		PDF
CS41KCRBK-P10-029B	$142.00			Manual			5-pole		PDF
CS41KCRBK-P11-029F	$142.00			Automatic	Power Symbol		4-pole		PDF
CS41KCRBK-P11-02A0	$142.00			Semi-automatic			4-pole		PDF
CS41KCRBK-P11-02A1	$142.00			Manual			5-pole		PDF
CS41KDMBL-P11-0552	$142.00	red/green		Automatic			3-pole		PDF
CS41KDMBL-P11-0553	$142.00			Semi-automatic			4-pole		PDF
CS41KDMBL-P11-0554	$142.00			Manual			5-pole		PDF
CS41KDMBL-P12-0555	$142.00			Automatic	STOP		3-pole		PDF
CS41KDMBL-P12-0556	$142.00			Semi-automatic			4-pole		PDF
CS41KDMBL-P12-0557	$142.00			Manual			5-pole		PDF
CS41KCRBK-P13-02AB	$142.00	green/red		Automatic	START		3-pole		PDF
CS41KDMBL-P13-0591	$142.00			Semi-automatic			4-pole		PDF
CS41KDMBL-P13-0594	$142.00			Manual			5-pole		PDF
CS41KCRBK-P20-0253	$142.00			Automatic	-		3-pole		PDF
CS41KDMBL-P20-0595	$142.00			Semi-automatic			4-pole		PDF
CS41KDMBL-P20-0596	$142.00			Manual			5-pole		PDF

***Purchase cable separately.**

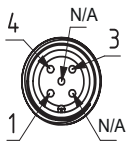
CAPTRON CANEO Series41 Standard Capacitive Switches

22mm Series41 Standard Capacitive Switches Specifications	
Supply Voltage	24VDC [19.2 to 28.8 V]
Output	PNP-N.O.
Load Current	Max 200mA
Current Consumption	Max 90mA @24V
Operating Temperature	-25 to 50°C [-13 to 122°F]
Storage Temperature	-25 to 50°C [-13 to 122°F]
IP Rating	IP69K
Material	Housing : Polycarbonate (PC) Switch surface Polycarbonate (PC)
Weight (lbs)	0.1
Agency Approvals	CE, CSA

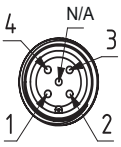
IO-Link Specifications	
IO-Link	v1.1
Port Speed	COM2
SIO Supported	Yes
ISDU Supported	Yes
Data Storage	Yes
Block Parameter	No

Wiring Diagrams

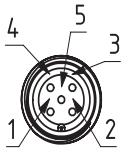
Plug M12, 3-pin



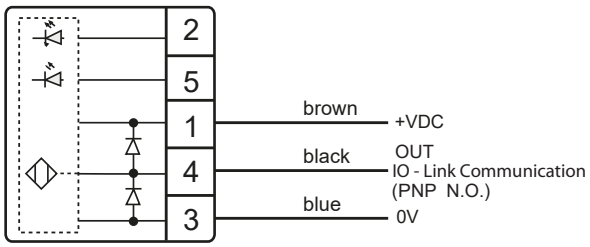
Plug M12, 4-pin



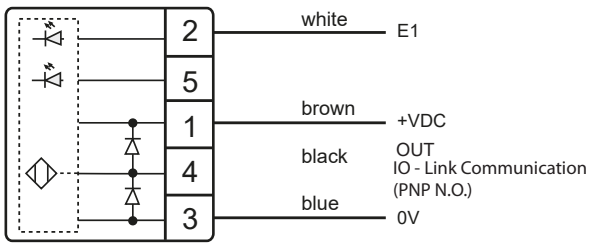
Plug M12, 5-pin



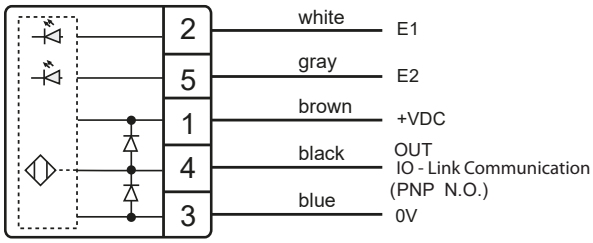
3-pin



4-pin



5-pin



CAPTRON

CANEO Series41 and Series40 Standard Display Capacitive Switches

IO-Link CE CSA

CD41KCRBK-P20-0254

*Series41 and Series40 Standard Display Capacitive Switches

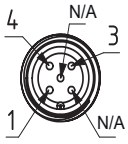
Part Number	Price	LED Color (Idle/Active)	Switch Type	LED Control	Legend	Symbol Illuminated	Output Pulse	Connection	Agency Approvals	Weight (lbs)	Drawing Link
CD40KMSBN-P20-050F	$175.00	teal/red	Static	Automatic	-	No	Continuous when actuated	3-pole	CE, CSA	0.25	PDF
CD41AARBK-P20-0256	$254.00	green/red	Dynamic				Approx 300ms				PDF
CD41KCRBK-P20-0254	$171.00										PDF
CD41KCRBK-P20-0597	$171.00			Semi-automatic				4-pole			PDF
CD41KCRBK-P20-0598	$171.00			Manual				5-pole			PDF

Series41 Standard Display Capacitive Switches Specifications

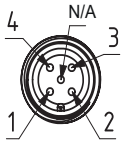
Supply Voltage	Output	Output Pulse	Load Current	Current Consumption	Operating Temperature	Storage Temperature	IP Rating	Material
24VDC [19.2 to 28.8 V]	PNP - N.O.	Approx. 300ms	Max 200mA	Max 90mA @24V	-25 to 50°C [-13 to 122°F]	-25 to 50°C [-13 to 122°F]	IP69K	Housing: Polycarbonate [PC] Switch surface: Polycarbonate [PC]

Wiring Diagrams

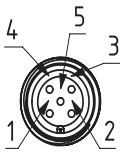
Plug M12, 3-pin



Plug M12, 4-pin



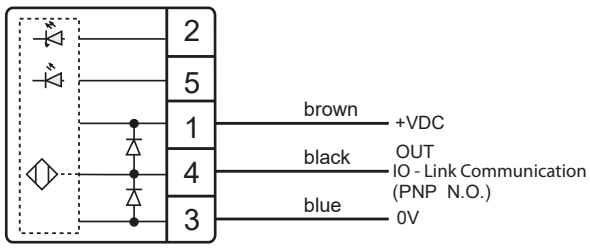
Plug M12, 5-pin



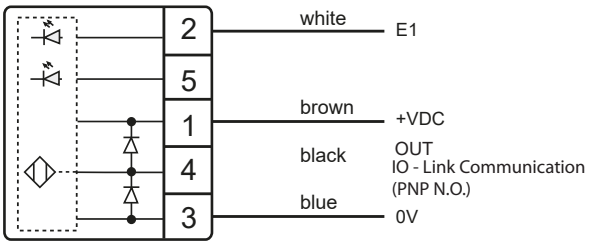
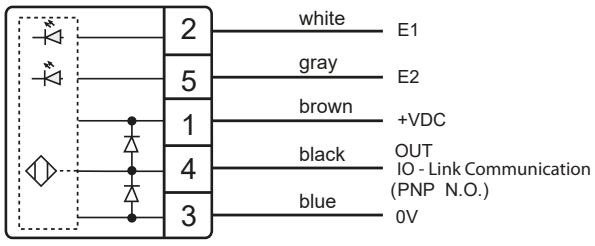
IO-Link Specifications

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

3-pin



4-pin



5-pin