

TURCK

Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
5.5 mm - Embeddable, Potted-In Cable 	BC 5-QF5.5-AN6X2/S250	S2620120	No Potentiometer	5	5	3-Wire DC NPN
	BC10-QF5.5-AN6X2	S2620121		10	10	
	BC10-QF5.5-AN6X2/S250	S2620119	No Potentiometer	10	10	
	BC10-QF5.5-RN6X2			10	10	
	BC10-QF5.5-RN6X2/S250		No Potentiometer	10	10	
	BC 5-QF5.5-AP6X2/S250	S2620116	No Potentiometer	5	5	3-Wire DC PNP
	BC 5-QF5.5-RP6X2/S250		No Potentiometer	5	5	
	BC10-QF5.5-AP6X2	S2620117		10	10	
	BC10-QF5.5-AP6X2/S250	S2620115	No Potentiometer	10	10	
	BC10-QF5.5-RP6X2		Normally Closed	10	10	
	BC10-QF5.5-RP6X2/S250		No Potentiometer	10	10	
	BC 5-QF5.5-Y1X/S250	S2030000	No Potentiometer	5	5	2-Wire DC NAMUR
5.5 mm - Embeddable, Potted-In Cable, w/Potentiometer Cover 	BC10-QF5.5-AN6X2/S932	S2620137	Covered Pot.	10	10	3-Wire DC NPN
	BC10-QF5.5-RN6X2/S932	S2620140	Covered Pot.	10	10	
	BC10-QF5.5-AP6X2/S932	S2620109	Covered Pot.	10	10	3-Wire DC PNP
	BC10-QF5.5-RP6X2/S932	S2620141	Covered Pot.	10	10	
8 mm - Embeddable, Potted-In Cable 	BC 5-Q08-AN6X2/S250	S2620100	No Potentiometer	5	5	3-Wire DC NPN
	BC 5-Q08-AP6X2/S250	S2620000	No Potentiometer	5	5	3-Wire DC PNP
8 mm - Embeddable, picofast® Connector 	BC 5-Q08-AN6X2-V1131/S250	S2621100	No Potentiometer	5	5	3-Wire DC NPN
	BC 5-Q08-AP6X2-V1131/S250	S2621000	No Potentiometer	5	5	3-Wire DC PNP

"/S250" designates without potentiometer.

"/S932" designates Covered potentiometer.

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Face/ Front Cap	Power LED	Output LED	Mating Cord, Cable Length/ Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	1	Diagram 1
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	1	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	1	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	5	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	5	
10-30 VDC	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	2	Diagram 2
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	6	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	2	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	2	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	6	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	6	
5-30 VDC	100	Remote	-25 to +70	IP67	PP	PP	N/A	YE	2M/TPU	5	Diagram 3
10-30 VDC	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	1	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	5	
10-30 VDC	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	2	
	100	≤200	-25 to +70	IP67	PP	PP	GN	YE	2M/TPU	6	
10-30 VDC	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	2M/TPU	1	Diagram 4
	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	2M/TPU	2	
10-30 VDC	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	2M/TPU	1	Diagram 5
10-30 VDC	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	2M/TPU	2	
10-30 VDC	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	Diagram 6
10-30 VDC	100	≤200	-25 to +70	IP67	Zinc	PA 12	GN	YE	PKG 3Z-*	4	

* Length in meters.

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
10 mm - Embeddable, Potted-In Cable 	BC 8-Q10-AN6X2/S250	S2621203	No Potentiometer	8	8	3-Wire DC NPN
	BC 8-Q10-AP6X2/S250	S2621200	No Potentiometer	8	8	3-Wire DC PNP
10 mm - Embeddable, <i>picofast</i>® Connector 	BC 8-Q10-AN6X2-V1131/S250	S2621202	No Potentiometer	8	8	3-Wire DC NPN
	BC 8-Q10-AP6X2-V1131/S250	S2621201	No Potentiometer	8	8	3-Wire DC PNP
14 mm - Embeddable, Potted-In Cable 	BC10-Q14-AN4X2	M2530010		10	15	3-Wire DC NPN
	BC10-Q14-AN4X2/S400	M2530005	Rear LED	10	15	
	BC10-Q14-AP4X2	M2530001		10	15	3-Wire DC PNP
	BC10-Q14-AP4X2/S400	M2530003	Rear LED	10	15	
	BC10-Q14-VN4X2	M2530030	Comp. Outputs	10	15	4-Wire DC NPN
	BC10-Q14-VP4X2	M2530020	Comp. Outputs	10	15	4-Wire DC PNP
14 mm - Embeddable, <i>picofast</i> Connector 	BC10-Q14-AN4X2-V1131	M2530011		10	15	3-Wire DC NPN
	BC10-Q14-AN4X2-V1131/S400	M2530006	Rear LED	10	15	
	BC10-Q14-AP4X2-V1131	M2530002		10	15	3-Wire DC PNP
	BC10-Q14-AP4X2-V1131/S400	M2530004	Rear LED	10	15	

"/S250" in part number designates without potentiometer.

"/S400" in part number designates rear LED location on back of sensor opposite front face.

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Power LED	Output LED	Mating Cord, Cable Length/ Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	1	Diagram 1
10-30 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	2	Diagram 2
10-30 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	3	Diagram 3
10-30 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	4	Diagram 4
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	1	Diagram 5
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	2	Diagram 6
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	2	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	5	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	6	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	3	Diagram 6
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	3	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	4	Diagram 6
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	PKG 3M-*	4	

* Length in meters.

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
10 mm - Embeddable, eurofast® Connector	BCF10-Q20L60-AP4X-H1141	M2504027	Noise Immune	10	20	3-Wire DC PNP
10 mm - Embeddable, Potted-In Cable	BCF10-Q20L60-AP4X	M2504028	Noise Immune	10	20	3-Wire DC PNP

Level Sensors - Capacitive

Voltage	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Power LED	Output LED	Mating Cord Length/ Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	≤200	-25 to 70	IP67	PBT-GF20-V0	None	YE	RK 4T-*	1	Diagram 1 Diagram 2
10-65 VDC	≤200	-25 to 70	IP67	PBT-GF20-V0	None	YE	2M/PVC	2	

* Length in meters.

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
20 mm - Embeddable, Potted-In Cable Technical drawing of the BC20-Q20 sensor housing. Dimensions include: 2.677 [68.0] (top width), 1.575 [40.0] (top depth), .787 [20.0] (side depth), 1.102 [28.0] (bottom width), 1.654 [42.0] (bottom depth), .236 [6.0] (potentiometer height), .511 [13.0] (potentiometer base), .118 [3.0] (cable diameter), and .216 [5.5] (cable length). Features include LEDs and a POTENTIOMETER.	BC20-Q20-AN4X2	M2530110		20	30	3-Wire DC NPN
	BC20-Q20-AN4X2/S400	M2530104	Rear LED	20	30	
	BC20-Q20-AP4X2	M2530100		20	30	3-Wire DC PNP
	BC20-Q20-AP4X2/S400	M2530102	Rear LED	20	30	
	BC20-Q20-VP4X2/S400	M2530122	Comp. Outputs Rear LED	20	30	4-Wire DC PNP
	BC20-Q20-AZ3X2	M4352000		20	30	2-Wire AC
	BC20-Q20-AZ3X2/S400	M2310005	Rear LED	20	30	

"/S400" in part number designates rear LEDs, located on back of sensor opposite of sensing face.

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Power LED	Output LED	Cable Length / Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	1	Diagram 1 Diagram 2 Diagram 3 Diagram 4
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	2	
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	2	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	3	
20-250 VAC	20	≤500	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	4	
	20	≤500	-25 to +70	IP67	PBT-GF30-V0	GN	YE	2M/PVC	4	

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
20 mm - Embeddable, eurofast® Connector 	BC20-Q20-AN4X2-H1141	M2530111		20	30	3-Wire DC NPN
	BC20-Q20-AN4X2-H1141/S400	M2530105	Rear LED	20	30	
	BC20-Q20-AP4X2-H1141	M2530101		20	30	3-Wire DC PNP
	BC20-Q20-AP4X2-H1141/S400	M2530103	Rear LED	20	30	
	BC20-Q20-VN4X2-H1141	M2530131	Comp. Outputs	20	30	4-Wire DC NPN
	BC20-Q20-VN4X2-H1141/S400	M2530124	Comp. Outputs Rear LED	20	30	
	BC20-Q20-VP4X2-H1141	M2530121	Comp. Outputs	20	30	4-Wire DC PNP
	BC20-Q20-VP4X2-H1141/S400	M2530123	Comp. Outputs Rear LED	20	30	

"/S400" in part number designates rear LEDs, located on back of sensor opposite of sensing face.

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Power LED	Output LED	Mating Cord	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4T-*	1	Diagram 1
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4T-*	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4T-*	2	Diagram 2
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4T-*	2	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4.4T-*	3	Diagram 3
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4.4T-*	3	
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4.4T-*	4	Diagram 4
	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	RK 4.4T-*	4	

* Length in meters.

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
40 mm - Embeddable, Terminal Chamber	BC20-CP40-VN4X2	M2515700	Comp. Outputs	20	30	4-Wire DC NPN
	BC20-CP40-VP4X2	M2515600	Comp. Outputs	20	30	4-Wire DC PNP
	BC20-CP40-FZ3X2	M2311500	Prog. Outputs	20	30	2-Wire AC
80 mm - Nonembeddable, Terminal Chamber	NC50-CP80-VN4X2	M2580112	Comp. Outputs	NA	50	4-Wire DC NPN
	NC50-CP80-VP4X2	M2580212	Comp. Outputs	NA	50	4-Wire DC PNP
	NC50-CP80-FZ3X2	M2310610	Prog. Outputs	NA	50	2-Wire AC

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	2	Diagram 2
20-250 VAC	20	≤500	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	3	Diagram 3
10-65 VDC	200	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	1	
10-65 VDC	200	≤200	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	2	
20-250 VAC	20	≤500	-25 to +70	IP67	PBT-GF30-V0	GN	YE	----	3	

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
12 mm - Embeddable, eurofast® Connector 	BC 3-M12-AN6X-0.2M-RS 4T	M2601190		3	3	3-Wire DC NPN
	BC 3-M12-AP6X-0.2M-RS 4T	M2601091		3	3	3-Wire DC PNP
12 mm - Embeddable, Potted-In Cable 	BC 3-M12-AN6X	M2601100		3	3	3-Wire DC NPN
	BC 3-M12-AP6X	M2601000		3	3	3-Wire DC PNP
12 mm - Embeddable, eurofast Connector 	BC 3-S12-AN6X-0.2M-RS 4T	M2601390		3	4.5	3-Wire DC NPN
	BC 3-S12-AP6X-0.2M-RS 4T	M2601291		3	4.5	3-Wire DC PNP
12 mm - Embeddable, Potted-In Cable 	BC 3-S12-AN6X	M2601300		3	4.5	3-Wire DC NPN
	BC 3-S12-AP6X	M2601200		3	4.5	3-Wire DC PNP
	BC 3-S12-AP6X/S100	M2601201	High Temp. 100°C	3	4.5	

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Face Material	End Cap	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +70	IP67	CPB	ABS	PA	N/A	YE	RK 4T-*	1	Diagram 1
10-30 VDC	100	≤200	-25 to +70	IP67	CPB	ABS	PA	N/A	YE	RK 4T-*	2	Diagram 2
10-30 VDC	100	≤200	-25 to +70	IP67	CPB	ABS	PA	N/A	YE	2M/PVC	3	Diagram 3
10-30 VDC	100	≤200	-25 to +70	IP67	CPB	ABS	PA	N/A	YE	2M/PVC	4	Diagram 4
10-30 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA	N/A	YE	RK 4T-*	1		
10-30 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA	N/A	YE	RK 4T-*	2		
10-30 VDC	200	≤200	-25 to +70	IP67	PA 12-GF30	PA	N/A	YE	2M/PVC	3		
10-30 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA	N/A	YE	2M/PVC	4		
	100	≤200	-25 to +100	IP67	PA 12-GF30	PA	N/A	YE	2M/PVC	4		

* Length in meters..

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Housing Style	Part Number	ID Number	Embeddable Range (mm)	Nonembed. Range (mm)	Output
18 mm - Embeddable, eurofast® Connector 	BC 5-M18-AN4X-0.2M-RS 4T	M2504091	5	5	3-Wire DC NPN
	BC 5-M18-AP4X-0.2M-RS 4T	M2504090	5	5	3-Wire DC PNP
18 mm - Embeddable, microfast® Connector 	BC 5-M18-AZ3X-0.2M-SB 3T	M2305090	5	5	2-Wire AC
18 mm - Embeddable, Potted-In Cable 	BC 5-M18-AN4X	M2504002	5	5	3-Wire DC NPN
	BC 5-M18-AP4X	M2504001	5	5	3-Wire DC PNP
	BC 5-M18-AZ3X	M2305000	5	5	2-Wire AC

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Face Material	End Cap	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	RK 4T-*	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	RK 4T-*	2	Diagram 2
20-250 AC	20	≤500	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	KB 3T-*	5	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	2M/PVC	3	Diagram 4
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	2M/PVC	4	Diagram 5
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	2M/PVC	4	Diagram 6
20-250 VAC	20	≤500	-25 to +70	IP67	CPB	PBT-G30-V0	PUR	N/A	YE	2M/PVC	6	Diagram 6

* Length in meters.

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Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
18 mm - Embeddable, eurofast® Connector 	BC 5-S18-AN4X-0.2M-RS 4T	M2503192		5	7.5	3-Wire DC NPN
	BC 5-S18-AN4X-H1141/S250	M2503108	No Potentiometer	5	7.5	
	BCF 5-S18-AN4X-0.2M-RS 4T	M2503089	Noise Immune	5	7.5	
	BC 5-S18-AP4X-0.2M-RS 4T	M2503492		5	7.5	3-Wire DC PNP
	BC 5-S18-AP4X-H1141/S250	M2503602	No Potentiometer	5	7.5	
	BCF 5-S18-AP4X-0.2M-RS 4T	M2503099	Noise Immune	5	7.5	
18 mm - Embeddable, eurofast Connector 	BC 5-S185-AN4X-0.3M-RS 4T	M2503590	Chemical Resistant	5	7.5	3-Wire DC NPN
	BC 5-S185-AP4X-0.2M-RS 4T	M2503591	Chemical Resistant	5	7.5	3-Wire DC PNP
18 mm - Embeddable, microfast® Connector 	BC 5-S18-AZ3X-0.2M-SB 3T	M2305590		5	7.5	2-Wire AC

"/S250" in part number designates without potentiometer.

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Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	1	Diagram 1
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	1	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	2	Diagram 2
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	2	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	RK 4T-*	2	
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PUR	N/A	YE	RK 4T-*	1	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PUR	N/A	YE	RK 4T-*	2	
20-250 VAC	20	≤500	-25 to +70	IP67	PA12-GF30	PUR	N/A	YE	KB 3T-*	3	

* Length in meters.

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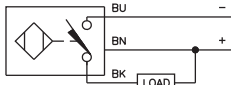
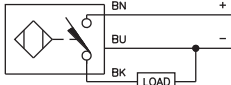
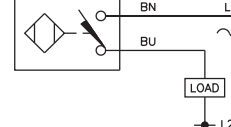
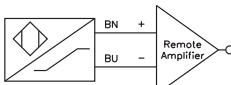
Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
18 mm - Embeddable, Potted-In Cable 	BC 5-S18-AN4X	M2503100		5	7.5	3-Wire DC NPN
	BCF 5-S18-AN4X	M2503012	Noise Immune	5	7.5	
	BC 5-S18-AP4X	M2503000		5	7.5	3-Wire DC PNP
	BCF 5-S18-AP4X	M2503011	Noise Immune	5	7.5	
	BCF 5-S18-AP4X/S90	M2503014	Noise Immune	5	7.5	
	BC 5-S18-AZ3X	M2305500		5	7.5	2-Wire AC
18 mm - Embeddable, Potted-In Cable 	BC 5-S185-AN4X	M2503550	Chemical Resistant	5	7.5	3-Wire DC NPN
	BC 5-S185-AN4X/S100	M2503551	High Temp. 100°C	5	7.5	
	BC 5-S185-AP4X	M2503500	Chemical Resistant	5	7.5	3-Wire DC PNP
	BC 5-S185-AP4X/S100	M2503502	High Temp. 100°C	5	7.5	
18 mm - Embeddable, Potted-In Cable 	BC 5-S18-Y1X	M2006000		5	7.5	2-Wire DC NAMUR

"/S100" in part number designates high temperature sensor.

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap	Power LED	Output LED	Cable Length/ Material	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	1	Diagram 1  Diagram 2  Diagram 3  Diagram 4 
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	2	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	2	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PUR	2	
20-250 VAC	20	≤500	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	3	
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PUR	N/A	YE	2M/PVC	1	
	100	≤200	-25 to +100	IP67	PVDF	PUR	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PUR	N/A	YE	2M/PVC	2	
	100	≤200	-25 to +100	IP67	PVDF	PUR	N/A	YE	2M/PVC	2	
5-30 VDC	100	Remote	-25 to +70	IP67	PA 12-GF30	PUR	N/A	YE	2M/PVC	4	

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, eurofast® Connector 	BC10-M30K-AN4X-H1141	M2503030		10	10	3-Wire DC NPN
	BC10-M30K-AP4X-H1141	M2503026		10	10	3-Wire DC PNP
	BC10-M30K-VN4X-H1141	M2503033	Comp. Outputs	10	10	4-Wire DC NPN
	BC10-M30K-VP4X-H1141	M2503035	Comp. Outputs	10	10	4-Wire DC PNP
30 mm - Embeddable, microfast® Connector 	BC10-M30K-AZ3X-B3131	M2503034		10	10	2-Wire AC N.O.
	BC10-M30K-RZ3X-B3131	M2503023		10	10	2-Wire AC N.C.

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Face Material	End Cap	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	RK 4T-*	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	RK 4T-*	2	Diagram 2
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	3	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	4	Diagram 4
20-250 AC	20	≤500	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	5	Diagram 5
20-250 AC	20	≤500	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	6	Diagram 6

* Length in meters.

Capacitive

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, Potted-In Cable 	BC10-M30K-VN4X	M2503024	Comp. Outputs	10	10	4-Wire DC NPN
	BC10-M30K-VP4X	M2503022	Comp. Outputs	10	10	4-Wire DC PNP
	BC10-M30K-AZ3X	M2503031		10	10	2-Wire AC N.O.
	BC10-M30K-RZ3X	M2503025		10	10	2-Wire AC N.C.

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	Face Material	End Cap Material	Power LED	Output LED	Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	2	Diagram 2
20-250 VAC	20	≤500	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	3	Diagram 3
20-250 VAC	20	≤500	-25 to +70	IP67	CPB	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	4	Diagram 4

* Length in meters.

Capacitive

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, eurofast® Connector 	BCC10-S30-AP4X-H1141	M2503038	Low Dielectric Targets	10	10	3-Wire DC PNP
	BCC10-S30-RP4X-H1143	M1542562	Low Dielectric Targets	10	10	3-Wire DC PNP N.C.
	BC10-S30-VN4X-H1141	M2506010	Comp. Outputs	10	15	4-Wire DC NPN
	BCF10-S30-VN4X-H1141	M2506016	Noise Immune	10	15	
	BC10-S30-VP4X-H1141	M2506100	Comp. Outputs	10	15	4-Wire DC PNP
	BCC10-S30-VP4X-H1141	M2503043	Low Dielectric Targets	10	10	
	BCF10-S30-VP4X-H1141	M2506117	Noise Immune	10	15	
30 mm - Embeddable, microfast® Connector 	BC10-S30-AZ3X-B3131	M2310710		10	15	2-Wire AC N.O.
	BCF10-S30-AZ3X-B3131	M2506012	Noise Immune	10	15	
	BC10-S30-RZ3X-B3131	M2310810		10	15	2-Wire AC N.C.
	BCF10-S30-RZ3X-B3131	M2506014	Noise Immune	10	15	

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap Material	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4T-*	5	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4T-*	6	Diagram 2
10-65 VDC	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	1	Diagram 3
	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	2	Diagram 4
	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	2	
	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	2	
20-250 VAC	20	≤500	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	3	Diagram 5
	20	≤500	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	3	
20-250 VAC	20	≤500	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	4	Diagram 6
	20	≤500	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	KB 3T-*	4	

* Length in meters.

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, Potted-In Cable 	BCC10-S30-AP4X	M2503037	Low Dielectric Targets	10		3-Wire DC PNP
	BC10-S30-VN4X	M2506000	Comp. Outputs	10	15	4-Wire DC NPN
	BCF10-S30-VN4X	M2506011	Noise Immune	10	15	4-Wire DC NPN
	BC10-S30-VP4X	M2506110	Comp. Outputs	10	15	4-Wire DC PNP
	BCF10-S30-VP4X	M2506111	Noise Immune	10	15	4-Wire DC PNP
	BC10-S30-AZ3X	M2310700		10	15	2-Wire AC
	BCF10-S30-AZ3X	M2506015	Noise Immune	10	15	2-Wire AC
30 mm - Embeddable, Potted-In Cable 	BC10-PT30-VN4X2	M2507020	Chemical Resistant	10	15	4-Wire DC NPN
	BC10-PT30-VP4X2	M2507010	Chemical Resistant	10	15	4-Wire DC PNP
	BC10-PT30-AZ3X	M2350001	Chemical Resistant	10	15	2-Wire AC
	BC10-PT30-Y0X	M2020000	Chemical Resistant	10	15	2-Wire DC NAMUR
30 mm - Embeddable, Terminal Chamber 	BC10-P30SR-VN4X2	M2505100	Comp. Outputs	10	15	4-Wire DC NPN
	BC10-P30SR-VP4X2	M2505000	Comp. Outputs	10	15	4-Wire DC PNP
	BC10-P30SR-VP4X2/S359-2M	M2505001	Comp. Outputs	10	15	4-Wire DC PNP

"/S359" designates Capacitive sensor with external potentiometer located on 2 meter cable.

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap Material	Power LED	Output LED	Cable Length/ Material	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	7	Diagram 1
	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	1	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	2	Diagram 2
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	2	
	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	2	
20-250 VAC	20	≤500	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	3	Diagram 3
	20	≤500	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	3	
5-30 VDC	100	N/A	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	4	
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	1	
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	2	Diagram 4
20-250 VAC	20	≤500	-25 to +70	IP67	PVDF	PVDF	N/A	YE	2M/PVDF	3	Diagram 5
5-30 VDC	100	Remote	-25 to +70	IP67	PVDF	PVDF	N/A	YE	2M/PVDF	4	Diagram 6
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	5	Diagram 7
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	6	
	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	6	

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, eurofast® Connector 	BC10-P30SR-VN4X2-H1141	M2505192	Comp. Outputs	10	15	4-Wire DC NPN
	BC10-P30SR-VP4X2-H1141	M2505094	Comp. Outputs	10	15	4-Wire DC PNP
30 mm - Embeddable, microfast® Connector 	BC10-P30SR-FZ3X2-B3131	M2310491	Comp. Outputs	10	15	2-Wire AC
30 mm - Embeddable, minifast® Connector 	BC10-P30SR-VN4X2-B1141	M2505191	Comp. Outputs	10	15	4-Wire DC NPN
	BC10-P30SR-VN4X2-B2141	M2505193	Comp. Outputs	10	15	
	BC10-P30SR-VP4X2-B1141	M2505092	Comp. Outputs	10	15	4-Wire DC PNP
	BC10-P30SR-VP4X2-B2141	M2505093	Comp. Outputs	10	15	
	BC10-P30SR-FZ3X2-B1131	M2310490	Comp. Outputs	10	15	2-Wire AC
	BC10-P30SR-FZ3X2-B2131	M2310493	Comp. Outputs	10	15	

Level Sensors - Capacitive

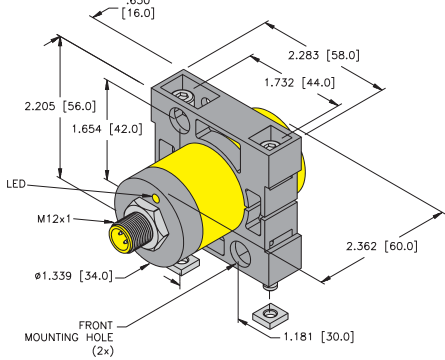
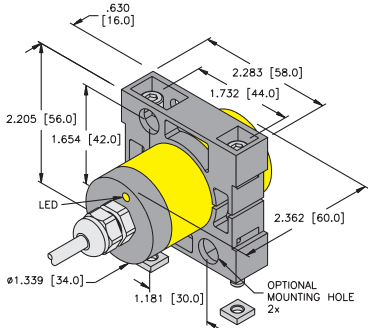
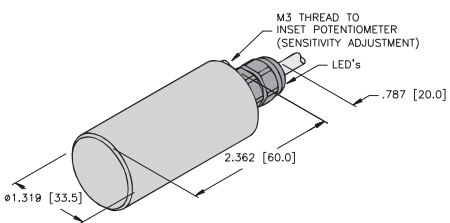
Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Materials	End Cap Materials	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RK 4.4T-*	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RK 4.4T-*	2	Diagram 2
20-250 AC	200	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	KB 3T-*	3	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RKM 40-*M	4	Diagram 4
	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RK 40-*M	4	
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RKM 40-*M	5	Diagram 5
	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RK 40-*M	5	
20-250 AC	20	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	RKM 30-*M	6	Diagram 6
	20	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	RK 30-*M	6	

Capacitive

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
34 mm - Embeddable, eurofast® Connector 	BC15-K34-AN4X-H1141	M2502125		15	23	3-Wire DC NPN
	BC15-K34-AP4X-H1141	M2502126		15	23	3-Wire DC PNP
34 mm - Embeddable, Potted-In Cable 	BC15-K34-VN4X	M2502127	Comp. Outputs	15	23	4-Wire DC NPN
	BC15-K34-VP4X	M2502124	Comp. Outputs	15	23	4-Wire DC PNP
	BC15-K34-AZ3X	M2310008		15	23	2-Wire AC
	BCF15-K34-AZ3X	M2502136	Noise Immune	15	23	
34 mm - Nonembeddable, Potted-In Cable 	NC20-KT34-VN4X2	M2550100	Chemical Resistant Comp. Output	N/A	20	4-Wire DC NPN
	NC20-KT34-VP4X2	M2550300	Chemical Resistant Comp. Output	N/A	20	4-Wire DC PNP

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap Material	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	RK 4T-*	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	RK 4T-*	2	Diagram 2
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	2M/PVC	3	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	2M/PVC	4	Diagram 4
20-250 VAC	20	≤500	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	2M/PVC	5	Diagram 5
	20	≤500	-25 to +70	IP67	PBT-GF30-V0	ABS	N/A	YE	2M/PVC	5	
10-65 VDC	200	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	3	
10-65 VDC	200	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	4	

* Length in meters.

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Level Sensors - Capacitive



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
34 mm - Embeddable, Terminal Chamber 	BC15-K34SR-VN4X2	M2502128	Comp. Outputs	15	23	4-Wire DC NPN
	BC15-K34SR-VP4X2	M2502129	Comp. Outputs	15	23	4-Wire DC PNP
	BC15-K34SR-FZ3X2	M2310009	Prog. Outputs	15	23	2-Wire AC
40 mm - Embeddable, Terminal Chamber 	BC20-K40SR-VN4X2	M2510100	Comp. Outputs	20	30	4-Wire DC NPN
	BC20-K40SR-VP4X2	M2510000	Comp. Outputs	20	30	4-Wire DC PNP
	BC20-K40SR-FZ3X2	M2310300	Prog. Outputs	20	30	2-Wire AC

Level Sensors - Capacitive

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap Material	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	GN	YE	- - - -	1	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	PBT-GF30-V0	ABS	GN	YE	- - - -	2	Diagram 2
20-250 VAC	20	≤500	-25 to +70	IP67	PBT-GF30-V0	ABS	GN	YE	- - - -	3	Diagram 3 -OR-
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	1	
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	2	
20-250 VAC	20	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	3	

Capacitive