

TURCK

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
BCF10-S30-RZ3X-B3131		M2506014	Noise Immune	10	15		

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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	<p>Diagram 1</p>
	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4T-*	6	<p>Diagram 2</p>
10-65 VDC	100	≤200	-25 to +70	IP67	PA12-GF30	PA 66-GF25-V0	N/A	YE	RK 4.4T-*	1	<p>Diagram 3</p>
	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	<p>Diagram 4</p>
	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	<p>Diagram 5</p>
	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	<p>Diagram 6</p>
	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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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	
	BC10-S30-VP4X	M2506110	Comp. Outputs	10	15	4-Wire DC PNP
	BCF10-S30-VP4X	M2506111	Noise Immune	10	15	
	BC10-S30-AZ3X	M2310700		10	15	2-Wire AC
BCF10-S30-AZ3X	M2506015	Noise Immune	10	15		
	BC10-S30-Y1X	M2010000		10	15	2-Wire DC NAMUR
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	

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

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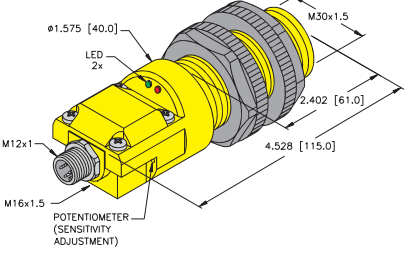
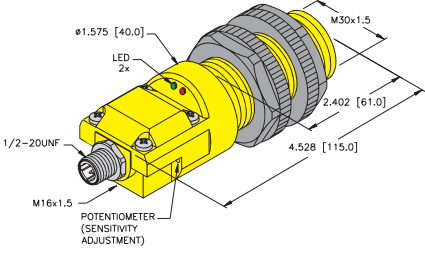
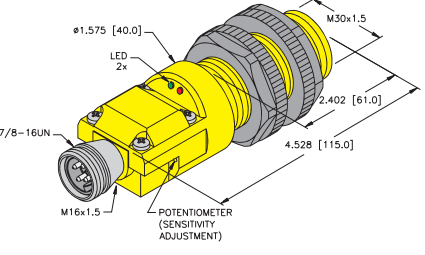
Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing Material	End Cap Material	Power LED	Output LED	Cable Length/ Material	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	7	Diagram 1
10-65 VDC	100	≤200	-25 to +70	IP67	PA 12-GF30	PA 66-GF25-V0	N/A	YE	2M/PVC	1	Diagram 2
	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	2	Diagram 3
	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 4
	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	Diagram 5
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	1	Diagram 6
10-65 VDC	100	≤200	-25 to +70	IP67	PVDF	PVDF	GN	YE	2M/PVDF	2	Diagram 7
20-250 VAC	20	≤500	-25 to +70	IP67	PVDF	PVDF	N/A	YE	2M/PVDF	3	Diagram 8
5-30 VDC	100	Remote	-25 to +70	IP67	PVDF	PVDF	N/A	YE	2M/PVDF	4	Diagram 9
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	5	Diagram 10
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	6	Diagram 11
	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	- - - -	6	

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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	

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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	<p>Diagram 1</p>
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RK 4.4T-*	2	<p>Diagram 2</p>
20-250 AC	200	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	KB 3T-*	3	<p>Diagram 3</p>
10-65 VDC	100	≤200	-25 to +70	IP67	ABS	ABS	GN	YE	RKM 40-*M	4	<p>Diagram 4</p>
	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	<p>Diagram 5</p>
	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	<p>Diagram 6</p>
	20	≤500	-25 to +70	IP67	ABS	ABS	GN	YE	RK 30-*M	6	