

Capacitive Sensors - Barrels



Housing Style	Part Number	ID Number	Features	Embeddable Range (mm)	Nonembed. Range (mm)	Output
30 mm - Embeddable, Potted-In Cable 	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
	BC10-P30SR-FZ3X2	M2310400	Prog. Outputs	10	15	2-Wire AC

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

For detailed sensor specifications see Section A.
Normally Closed versions available upon request, consult factory.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection Class	Housing	End Cap	Power LED	Output LED	Cable Length/ Material	Wiring Diagram #	Wiring Diagrams
10-65 VDC	100	≤200	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	1	Diagram 1
	100	≤200	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	2	Diagram 2
	100	≤200	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	2	
20-250 VAC	20	≤500	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	3	Diagram 3
	20	≤500	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	3	
5-30 VDC	100	N/A	-25 to +70	IP 67	PA 12	PA 66	N/A	YE	2M/PVC	4	Diagram 4
10-65 VDC	100	≤200	-25 to +70	IP 67	PVDF	PVDF	GN	YE	2M/PVDF	1	
10-65 VDC	100	≤200	-25 to +70	IP 67	PVDF	PVDF	GN	YE	2M/PVDF	2	Diagram 5
20-250 VAC	20	≤500	-25 to +70	IP 67	PVDF	PVDF	N/A	YE	2M/PVDF	3	
5-30 VDC	100	Remote	-25 to +70	IP 67	PVDF	PVDF	N/A	YE	2M/PVDF	4	Diagram 6
10-65 VDC	100	≤200	-25 to +70	IP 67	ABS	ABS	GN	YE	- - - -	5	
10-65 VDC	100	≤200	-25 to +70	IP 67	ABS	ABS	GN	YE	- - - -	6	Diagram 6
	100	≤200	-25 to +70	IP 67	ABS	ABS	GN	YE	- - - -	6	
20-250 VAC	20	≤500	-25 to +70	IP 67	ABS	ABS	GN	YE	- - - -	3	Diagram 6
10-65 VDC	100	≤200	-25 to +70	IP 67	ABS	ABS	GN	YE	- - - -	6	

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For material descriptions see page A34.