

Capacitive Sensors - Barrels



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	2-Wire AC
	BC 5-S18-AZ3X	M2305500		5	7.5	
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-Y0X	M2006000		5	7.5	2-Wire DC NAMUR

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



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	PUR	N/A	YE	2M/PVC	1	Diagram 1
	100	≤200	-25 to +70	IP 67	PA 12	PUR	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP 67	PA 12	PUR	N/A	YE	2M/PVC	2	Diagram 2
	100	≤200	-25 to +70	IP 67	PA 12	PUR	N/A	YE	2M/PVC	2	
	100	≤200	-25 to +70	IP 67	PA 12	PUR	N/A	YE	2M/PUR	2	
20-250 VAC	20	≤500	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	Diagram 3
10-65 VDC	100	≤200	-25 to +70	IP 67	PVDF	PUR	N/A	YE	2M/PVC	1	Diagram 4
	100	≤200	-25 to +100	IP 67	PVDF	PUR	N/A	YE	2M/PVC	1	
10-65 VDC	100	≤200	-25 to +70	IP 67	PVDF	PUR	N/A	YE	2M/PVC	2	Diagram 5
	100	≤200	-25 to +100	IP 67	PVDF	PUR	N/A	YE	2M/PVC	2	
5-30 VDC	100	Remote	-25 to +70	IP 67	PA 12	PUR	N/A	YE	2M/PVC	4	

Capacitive

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	<i>Comp. Outputs</i>	10	15	4-Wire DC NPN
	BCF10-S30-VN4X	M2506011	<i>Noise Immune</i>	10	15	4-Wire DC NPN
	BC10-S30-VP4X	M2506110	<i>Comp. Outputs</i>	10	15	4-Wire DC PNP
	BCF10-S30-VP4X	M2506111	<i>Noise Immune</i>	10	15	4-Wire DC PNP
	BC10-S30-AZ3X	M2310700		10	15	2-Wire AC
	BCF10-S30-AZ3X	M2506015	<i>Noise Immune</i>	10	15	2-Wire AC
	BC10-S30-Y0X	M2010000		10	15	2-Wire DC NAMUR
30 mm - Embeddable, Potted-In Cable 	BC10-PT30-VN4X2	M2507020	<i>Chemical Resistant</i>	10	15	4-Wire DC NPN
	BC10-PT30-VP4X2	M2507010	<i>Chemical Resistant</i>	10	15	4-Wire DC PNP
	BC10-PT30-AZ3X	M2350001	<i>Chemical Resistant</i>	10	15	2-Wire AC
	BC10-PT30-Y0X	M2020000	<i>Chemical Resistant</i>	10	15	2-Wire DC NAMUR
30 mm - Embeddable, Terminal Chamber 	BC10-P30SR-VN4X2	M2505100	<i>Comp. Outputs</i>	10	15	4-Wire DC NPN
	BC10-P30SR-VP4X2	M2505000	<i>Comp. Outputs</i>	10	15	4-Wire DC PNP
	BC10-P30SR-VP4X2/S359-2M	M2505001	<i>Comp. Outputs</i>	10	15	4-Wire DC PNP
	BC10-P30SR-FZ3X2	M2310400	<i>Prog. Outputs</i>	10	15	2-Wire AC

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



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 5
	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

Capacitive