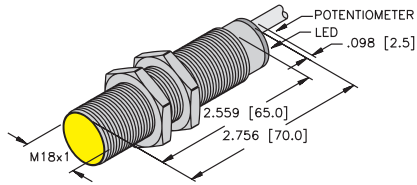
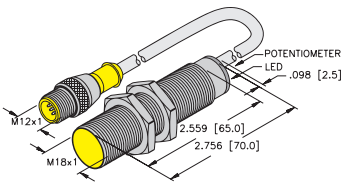
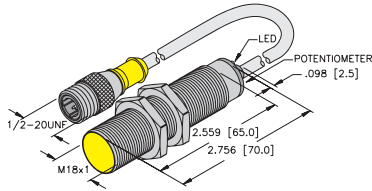
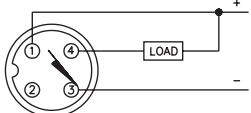
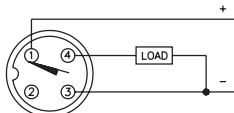
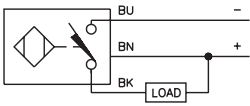
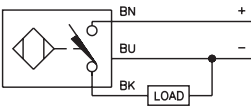
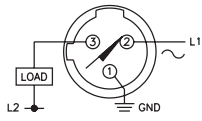
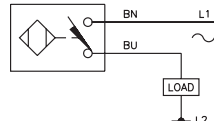


Capacitive Sensors | 18 mm

Metal Threaded Barrel with DC or AC Outputs

Housing Style	Dimension Drawings
	A  18 mm - Potted-In Cable
B  18 mm - Eurofast Connector	C  18 mm - Microfast Connector

Wiring Diagrams/Mating Cordsets		
1  Mating Cordset: RK 4T-*	2  Mating Cordset: RK 4T-*	3 
4 	5  Mating Cordset: KB 3T-*	6 

A11 3 and 4-wire DC Capacitive - (AP, RP, AN, RN, VN, VP)		
Ripple: ≤10% Differential Travel (Hysteresis): 2-20% (5% typical) Voltage Drop Across Conducting Sensor: ≤1.8 V Trigger Current for Short Circuit Protection: ≥220 mA Off-State (Leakage) Current: ≤0.1 mA No-Load Current: ≤15 mA Power-On Effect: Per IEC 947-5-2	Reverse Polarity Protection: Incorporated Wire-Break Protection: Incorporated Transient Protection: Per EN 60947-5-2 Shock: 30 g, 11 ms Vibration: 55 Hz, 1 mm Amplitude, in all 3 Planes Repeatability: ≤2% of Rated Operating Distance Temperature Drift: <±20% of Rated Operating Distance	
A12 2-wire AC Capacitive - (AZ, FZ, RZ)		
Line Frequency: ≥50... ≤60 Hz Differential Travel (Hysteresis): 2-20% (5% typical) Continuous Load Current: ≤500 mA Voltage Drop Across Conducting Sensor: ≤7.0 V Off-State (Leakage) Current: ≤1.7 mA Minimum Load Current: ≥5.0 mA	Power-On Effect: Per IEC 947-5-2 Transient Protection: Per EN 60947-5-2 Shock: 30 g, 11 ms Vibration: 55 Hz, 1 mm Amplitude, in all 3 Planes Repeatability: ≤2% of Rated Operating Distance Temperature Drift: <±20% of Rated Operating Distance	

We reserve the right to make technical alterations without prior notice.

Capacitive Sensors | 18 mm

Metal Threaded Barrel with DC or AC Outputs

Part Number/ ID Number	Embeddable Range (mm)	Nonembeddable Range (mm)	Output	Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing Material	Front Cap/Face	End Cap Material	Power LED	Output LED	Cable Length/Jacket	Dimension Drawings	Wiring Diagrams	Spec List
BC5-M18-AN4X 2504002	5	5	3-wire DC NPN	10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	2M/PVC	A	3	A11
BC5-M18-AP4X 2504001	5	5	3-wire DC PNP	10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	2M/PVC	A	4	A11
BC5-M18-AZ3X 2305000	5	5	2-wire AC	20-250 VAC	20	≤500	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	2M/PVC	A	6	A12
BC5-M18-AN4X-0.2-RS4T 2504091	5	5	3-wire DC NPN	10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	0.2M/ PVC	B	1	A11
BC5-M18-AP4X-0.2-RS4T 2504090	5	5	3-wire DC PNP	10-65 VDC	100	≤200	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	0.2M/ PVC	B	2	A11
BC5-M18-AZ3X-0.2-SB3T 2305090	5	5	2-wire AC	20-250 AC	20	≤500	-25 to +70	IP67	CPB	PBT- G30-V0	PUR	N/A	YE	0.2M/ PVC	C	5	A12

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