

Inductive  
Cylinder Position Sensors



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
<b>INT - picofast® Quick Disconnect</b> 	BR-INT-AR7X-V1131	S4623202	REED Contact	20-350	3-Wire DC REED Contact
<b>INT - picofast® Potted-In Cable</b> 	BR-INT-AR7X	S4623200	REED Contact	20-350	3-Wire DC REED Contact
	BR-INT-ADZ71X	S4700510	Reed Contact	20-34	2-Wire AC/DC Reed Contact
	BIM-INT-AG41X	S4550000		20-350	2-Wire DC
	BIM-INT-Y1X	S1056800		20-350	2-Wire NAMUR

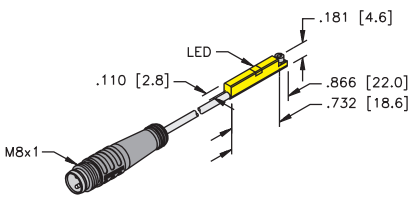
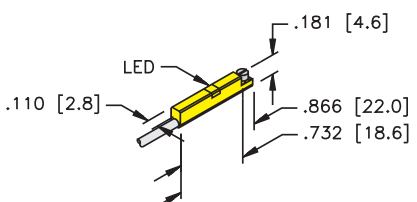
TURCK mold-on connectors available on all cable sensors. See page M25.



Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cord	Wiring Diagram #	Wiring Diagrams
10-30 VDC	500	≤500	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p>
10-30 VDC	500	≤500	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	<p><b>Diagram 3</b></p>
3-140 VAC 4-200 VDC	500	≤500	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	<p><b>Diagram 4</b></p>
10-55 VDC	300	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	4	<p><b>Diagram 5</b></p>
5-30 VDC	300	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	5	<p><b>Diagram 5</b></p>

Cylinder



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
<b>INR - picofast® Quick Disconnect</b> 	BR-INR-AR7X-V1131	S4623302	REED Contact	20-34	3-Wire DC REED Contact
	BIM-INR-AN6X-0.3M-PSG 3S	S4623802		20-350	3-Wire DC NPN
	BIM-INR-AP6X-0.3M-PSG 3S	S4623702		20-350	3-Wire DC PNP
<b>INR - Potted-In Cable</b> 	BR-INR-AR7X	S4623300	REED Contact	20-34	3-Wire DC REED Contact
	BIM-INR-AN6X	S4623800		20-350	3-Wire DC NPN
	BIM-INR-AP6X	S4623700		20-350	3-Wire DC PNP

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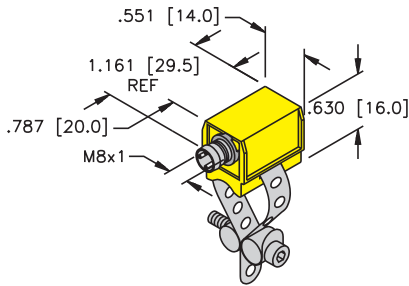
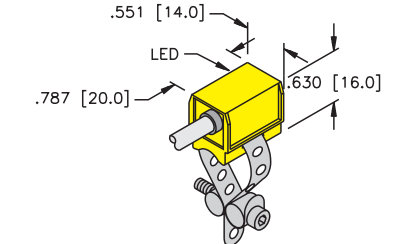
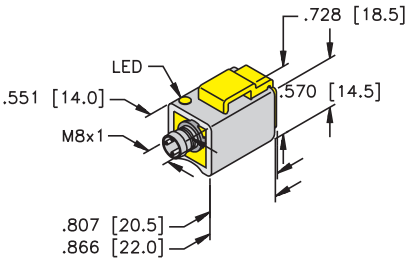
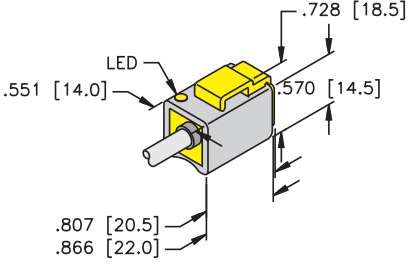


Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	500	≤400	-25 to +70	IP 67	PP	PP	N/A	YE	PKG 3Z-*	1	<p><b>Diagram 1</b></p>
10-30 VDC	500	≤100	-25 to +70	IP 67	PP	PP	N/A	YE	PKG 3Z-*	2	<p><b>Diagram 2</b></p>
10-30 VDC	500	≤100	-25 to +70	IP 67	PP	PP	N/A	YE	PKG 3Z-*	3	<p><b>Diagram 3</b></p>
10-30 VDC	500	≤400	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	4	<p><b>Diagram 4</b></p>
10-30 VDC	500	≤100	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	5	<p><b>Diagram 5</b></p>
10-30 VDC	500	≤100	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	6	<p><b>Diagram 6</b></p>

\* Length in meters.

Cylinder



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
<b>PST - picofast® Quick Disconnect</b> 	BIM-PST-AN6X-V1131	S4625190	KLP-80 Included	20-350	3-Wire DC NPN
	BIM-PST-AP6X-V1131	S4625090	KLP-80 Included	20-350	3-Wire DC PNP
<b>PST - Potted-In Cable</b> 	BIM-PST-AN6X	S4624191	KLP-80 Included	20-350	3-Wire DC NPN
	BIM-PST-AP6X	S4624090	KLP-80 Included	20-350	3-Wire DC PNP
	BIM-PST-Y1X	S1057090	KLP-80 Included	20-350	2-Wire NAMUR
<b>PSM - picofast® Quick Disconnect</b> 	BIM-PSM-AN6X-V1131	S4625700	w/o Bracket	20-350	3-Wire DC NPN
	BIM-PSM-AP6X-V1131	S4625600	w/o Bracket	20-350	3-Wire DC PNP
<b>PSM - Potted-In Cable</b> 	BIM-PSM-AN6X	S4625500	w/o Bracket	20-350	3-Wire DC NPN
	BIM-PSM-AP6X	S4625400	w/o Bracket	20-350	3-Wire DC PNP

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Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	4	<p><b>Diagram 1</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	5	<p><b>Diagram 2</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	1	<p><b>Diagram 3</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	<p><b>Diagram 4</b></p>
5-30 VDC	1000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	<p><b>Diagram 5</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12, AL	AL	N/A	YE	PKG 3Z-*	4	<p><b>Diagram 5</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12, AL	AL	N/A	YE	PKG 3Z-*	5	<p><b>Diagram 5</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12, AL	AL	N/A	YE	2M/PVC	1	<p><b>Diagram 5</b></p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12, AL	AL	N/A	YE	2M/PVC	2	<p><b>Diagram 5</b></p>

Cylinder