

Inductive
Cylinder Position Sensors



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
UNT - picofast® Quick Disconnect 	BIM-UNT-AN6X2-V1131	S4685753		20-350	3-Wire DC NPN
	BIM-UNT-AP6X2-V1131	S4685727		20-350	3-Wire DC PNP
UNT - Potted-In Cable 	BIM-UNT-AN6X	S4685702		20-350	3-Wire DC NPN
	BIM-UNT-AP6X	S4685741		20-350	3-Wire DC PNP
	BIM-UNT-AG41X/S1139/S1160	S4685766	See Notes	20-350	2-Wire DC
	BIM-UNT-AY1X/S1139	S4685763	See Notes	20-350	2-Wire NAMUR
UNT - picofast® Quick Disconnect 	BIM-UNT-AN6X-0.3-PSG 3S	S4685705		20-350	3-Wire DC NPN
	BIM-UNT-AP6X-0.3-PSG 3S	S4685722		20-350	3-Wire DC PNP

Notes:

/S1139 = Wider travel more range.

/S1160 = Potted TPU cable for welding environments

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, 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-*	1	<p>Diagram 1</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	2	<p>Diagram 2</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	3	<p>Diagram 3</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	4	<p>Diagram 4</p>
10-55 VDC	300	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/TPU	5	<p>Diagram 4</p>
8.2 VDC	1000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	6	<p>Diagram 4</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	1	<p>Diagram 5</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	2	<p>Diagram 6</p>

Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
UNT - eurofast® Quick Disconnect 	BIM-UNT-AN6X2-H1141	S4685759		20-350	3-Wire DC NPN
	BIM-UNT-AP6X2-H1141	S4685726		20-350	3-Wire DC PNP
UNT - eurofast® Quick Disconnect 	BIM-UNT-0.3M-UNT-2AN6X3-H1141	S4685760	Dual Switch	20-350	4-Wire DC NPN
	BIM-UNT-0.3M-UNT-2AP6X3-H1141	S4685730	Dual Switch	20-350	4-Wire DC PNP
UNT - Potted-In Cable 	BIM-UNT-AP6X/S991	S4685728	Radial Magnetic Fields	20-350	3-Wire DC PNP

Notes:

/S991 = Magnetic field sensor for detecting radial magnets.

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, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	1000	≤150	-25 to +70	IP 67	PP	PP	GN	YE	RK 4T-*	1	<p>Diagram 1</p>
10-30 VDC	1000	≤150	-25 to +70	IP 67	PP	PP	GN	YE	RK 4T-*	2	<p>Diagram 2</p>
10-30 VDC	1000	≤150	-25 to +70	IP 67	PP	PP	GN	YE	RK 4.4T-*	3	<p>Diagram 3</p>
10-30 VDC	1000	≤150	-25 to +70	IP 67	PP	PP	GN	YE	RK 4.4T-*	4	<p>Diagram 4</p>
10-30 VDC	1000	≤150	-25 to +70	IP 67	PP	PP	GN	YE	2M/PUR	5	<p>Diagram 5</p>