

Inductive  
Cylinder Position Sensors



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
<b>KST - picofast® Quick Disconnect</b> 	BIM-KST-AN6X-V1131	M4674300	KST SB170 and KST SB335 Included	20-350	3-Wire DC NPN
	BIM-KST-AP6X-V1131	M4674200	KST SB170 and KST SB335 Included	20-350	3-Wire DC PNP
<b>KST - Potted-In Cable</b> 	BIM-KST-AN6X	M4674100	KST SB170 and KST SB335 Included	20-350	3-Wire DC NPN
	BIM-KST-AP6X	M4674000	KST SB170 and KST SB335 Included	20-350	3-Wire DC PNP
<b>QST - picofast® Connector</b> 	BIM-QST-AN6X-V1131	S4688300	w/o Bracket	20-350	3-Wire DC NPN
	BIM-QST-AP6X-V1131	S4688200	w/o Bracket	20-350	3-Wire DC PNP
<b>QST - Potted-In Cable</b> 	BIM-QST-AN6X	M4688100	w/o Bracket	20-350	3-Wire DC NPN
	BIM-QST-AP6X	S4688000	w/o Bracket	20-350	3-Wire DC PNP
	BIM-QST-Y1X	M1058000	w/o Bracket	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, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	PKG 3Z-*	4	<b>Diagram 1</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	PKG 3Z-*	5	<b>Diagram 2</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	1	<b>Diagram 3</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	2	<b>Diagram 4</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	4	<b>Diagram 5</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	PKG 3Z-*	5	<b>Diagram 5</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	1	<b>Diagram 3</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	<b>Diagram 4</b> 
5-30 VDC	1000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	<b>Diagram 3</b> 

\* Length in meters.

Cylinder



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
<b>AKT - eurofast® Connector</b> 	BIM-AKT-AD4X-H1141	M4480290	KLA-1 Included	20-350	2-Wire DC
	BIM-AKT-AN6X-H1141	M4675390	KLA-1 Included	20-350	3-Wire DC NPN
	BIM-AKT-AP6X-H1141	M4675290	KLA-1 Included	20-350	3-Wire DC PNP
	BIM-AKT-AP6X-H1141/S34	M4682090	KLA-1 Included	20-350	
	BIM-AKT-Y1X-H1141	M1055290	KLA-1 Included	20-350	2-Wire NAMUR
<b>AKT - Potted-In Cable</b> 	BIM-AKT-AD4X	M4480090	KLA-1 Included	20-350	2-Wire DC
	BIM-AKT-AN6X	M4675190	KLA-1 Included	20-350	3-Wire DC NPN
	BIM-AKT-AP6X	M4675090	KLA-1 Included	20-350	3-Wire DC PNP
	BIM-AKT-Y1X	M1055090	KLA-1 Included	20-350	2-Wire NAMUR
	<b>IKE/IKT - Potted-In Cable</b> 	BIM-IKE-AD4X	S4421490	KLI-3 Included	20-350
BIM-IKT-AD4X		S4482090	KLI-3 Included	20-350	
BIM-IKE-AN6X		S4621590	KLI-3 Included	20-350	3-Wire DC NPN
BIM-IKT-AN6X		S4620190	KLI-3 Included	20-350	
BIM-IKE-AP6X		S4621490	KLI-3 Included	20-350	3-Wire DC PNP
BIM-IKT-AP6X		S4620090	KLI-3 Included	20-350	
BIM-IKE-Y1X		S1056490	KLI-3 Included	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, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	300	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 4.2T-*	1	<b>Diagram 1</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 4T-*	2	<b>Diagram 2</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 3</b> 
	20	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 4T-*	3	
5-30 VDC	1000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 4.21T-*	4	<b>Diagram 3</b> 
10-65 VDC	300	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	5	<b>Diagram 4</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	6	<b>Diagram 5</b> 
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	7	<b>Diagram 5</b> 
5-30 VDC	1000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	8	<b>Diagram 6</b> 
10-65 VDC	300	≤100	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	5	<b>Diagram 7</b> 
	300	≤100	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	5	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	6	<b>Diagram 7</b> 
	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	6	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	7	<b>Diagram 7</b> 
	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	7	
5-30 VDC	1000	Remote	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PVC	8	<b>Diagram 8</b> 

\* Length in meters.

Cylinder