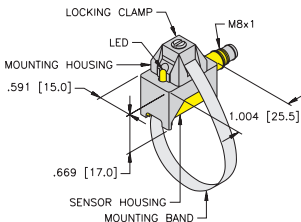
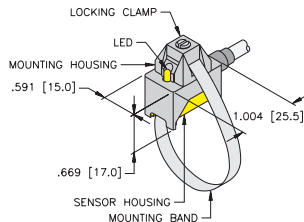
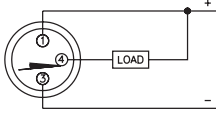
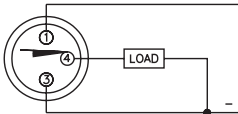
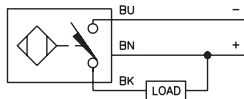
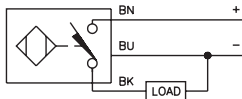


Cylinder Position Sensors | BIM-KST

Round Cylinder Style

Housing Style		Dimension Drawings	
		A  KST - Picofast Quick Disconnect	B  KST - Potted-In Cable
Wiring Diagrams/Mating Cordsets			
1  Mating Cordset: PKG 3Z-*	2  Mating Cordset: PKG 3Z-*	3 	4 
A13 3-wire DC - Magnetic (AN, RN, AP, RP)			
Ripple: $\leq 10\%$ Differential Travel (Hysteresis): ≤ 1 mm Voltage Drop Across Conducting Sensor: ≤ 1.8 V Trigger Current for Short Circuit Protection: ≥ 220 mA on 200 mA Load Current ≥ 170 mA on 150 mA Load Current ≥ 120 mA on 100 mA Load Current Off-State (Leakage) Current: ≤ 0.1 mA No-Load Current: ≤ 15 mA; Pass Speed: ≤ 10 ms; ≤ 3 ms (UNR)		Power-On Effect: Per IEC 947-5-2 Reverse Polarity Protection: Incorporated Wire-Break Protection: Incorporated Transient Protection: Per EN 60947-5-2 Temperature Drift: ≤ 0.1 mm, ≤ 0.3 mm (UNR) Shock: 30 g, 11 ms Vibration: 55 Hz, 1 mm Amplitude in all 3 Planes Repeatability: $\geq \pm 0.1$ mm, $\geq \pm 0.3$ mm (UNR)	
Additional Specifications			
Magnetic Actuation Strength (Gauss): 20-350			

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

Cylinder Position Sensors | BIM-KST
Round Cylinder Style

Part Number/ ID Number	Features	Output	Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Cable Length/Jacket	Dimension Drawings	Wiring Diagrams	Spec List
BIM-KST-AN6X-V1131 46743	KST SB170 and KST SB335 Straps Included	3-wire DC, NPN	10-30 VDC	1000	≤ 200	-25 to +70	IP67	Zinc	--	A	1	A13
BIM-KST-AP6X-V1131 46742	KST SB170 and KST SB335 Straps Included	3-wire DC, PNP	10-30 VDC	1000	≤ 200	-25 to +70	IP67	Zinc	--	A	2	A13
BIM-KST-AN6X 46741	KST SB170 and KST SB335 Straps Included	3-wire DC, NPN	10-30 VDC	1000	≤ 200	-25 to +70	IP67	Zinc	2M/ PVC	B	3	A13
BIM-KST-AP6X 46740	KST SB170 and KST SB335 Straps Included	3-wire DC, PNP	10-30 VDC	1000	≤ 200	-25 to +70	IP67	Zinc	2M/ PVC	B	4	A13

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