

Inductive Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
8.0 mm - Embeddable, <i>picofast</i>® Connector 	Bi 5-Q08-AD4X-V1130	S4414551		•	5	2-Wire DC
	Bi 5U-Q08-AN6X2-V1131	S1608910	<i>Uprox</i>	•	5	3-Wire DC NPN
	Bi 5-Q08-AN6X2-V1131	S1600600		•	5	
	Bi 5-Q08-AN6X2-V1131/S34		<i>Weld-field Immune</i>	•	5	
	Bi 7-Q08-AN6X2-V1131	S1601622	<i>Ext. Range</i>	•	7	
	Bi 8U-Q08-AN6X2-V1131	S1662008	<i>Uprox</i>	•	8	
	Bi 5U-Q08-AP6X2-V1131	S1608900	<i>Uprox</i>	•	5	3-Wire DC PNP
	Bi 5-Q08-AP6X2-V1131	S1600500		•	5	
	Bi 5-Q08-AP6X2-V1131/S34	S1600501	<i>Weld-field Immune</i>	•	5	
	Bi 7-Q08-AP6X2-V1131	S1601602	<i>Ext. Range</i>	•	7	
Bi 8U-Q08-AP6X2-V1131	S1662005	<i>Uprox</i>	•	8		
8.0 mm - Embeddable, <i>picofast</i> Connector 	Bi 5-Q08-VN6X2-V1141	S1600400	<i>Comp. Outputs</i>	•	5	4-Wire DC NPN
	Bi 7-Q08-VN6X2-V1141	S1600922	<i>Ext. Range</i>	•	7	
	Bi 5-Q08-VP6X2-V1141	S1600300	<i>Comp. Outputs</i>	•	5	4-Wire DC PNP
	Bi 7-Q08-VP6X2-V1141	S1600902	<i>Ext. Range</i>	•	7	

For detailed sensor specifications see Section M.
Normally Closed versions available upon request, consult factory.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Front Cap/Face	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	50	≤100	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	PKG 3Z-*	1	<p>Diagram 1</p>
10-30 VDC	1000	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	2	<p>Diagram 2</p>
	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	2	
	300	≤100	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	2	
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	2	
	1000	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	2	
10-30 VDC	1000	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	<p>Diagram 3</p>
	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	
	300	≤100	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	
	1000	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	PKG 3Z-*	3	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 4Z-*	4	<p>Diagram 4</p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 4Z-*	4	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 4Z-*	5	<p>Diagram 5</p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PKG 4Z-*	5	

Rectangular

For material descriptions see page M22.