

# Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>8.0 mm - Embeddable, Potted-In Cable</b> 	Bi 8U-Q08-AN6X2	S1662007	<i>Uprox</i>		8	3-Wire DC NPN
	Bi 8U-Q08-AP6X2	S1662006	<i>Uprox</i>		8	3-Wire DC PNP
<b>8.0 mm - Embeddable, Potted-In Cable</b> 	Bi 5-Q08-AD4X/S34	S4414550	<b>Weld-field Immune</b>	•	5	2-Wire DC
	Bi 5U-Q08-AN6X2	S1608911	<i>Uprox</i>	•	5	3-Wire DC NPN
	Bi 7-Q08-AN6X2	S1601620	<b>Ext. Range</b>	•	7	
	Bi 5U-Q08-AP6X2	S1608901	<i>Uprox</i>	•	5	3-Wire DC PNP
	Bi 7-Q08-AP6X2	S1601600	<b>Ext. Range</b>	•	7	
	Bi 5-Q08-VN6X2	S1600200	<b>Comp. Outputs</b>	•	5	4-Wire DC NPN
	Bi 7-Q08-VN6X2	S1600920	<b>Ext. Range</b>	•	7	
	Bi 5-Q08-VP6X2	S1600100	<b>Comp. Outputs</b>	•	5	4-Wire DC PNP
	Bi 7-Q08-VP6X2	S1600900	<b>Ext. Range</b>	•	7	
	Bi 5-Q08-Y1X	S4054000			•	5

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	Cable Length /Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	1000	≤200	-30 to +85	IP 68	Zinc	PA12	GN	YE	2M/PUR	2	<p><b>Diagram 1</b></p>
10-30 VDC	1000	≤200	-30 to +85	IP 68	Zinc	PA12	GN	YE	2M/PUR	3	<p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p>
10-65 VDC	50	≤100	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PUR	1	<p><b>Diagram 4</b></p>
10-30 VDC	250	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	2M/PUR	2	<p><b>Diagram 5</b></p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	2M/PUR	2	
10-30 VDC	250	≤200	-30 to +85	IP 67	Zinc	PA 12	GN	YE	2M/PUR	3	<p><b>Diagram 6</b></p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	2M/PUR	3	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PUR	4	<p><b>Diagram 6</b></p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	PUR	4	
10-30 VDC	1000	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	2M/PUR	5	<p><b>Diagram 6</b></p>
	500	≤200	-25 to +70	IP 67	Zinc	PA 12	GN	YE	2M/PUR	5	
5-30 VDC	1000	Remote	-25 to +70	IP 67	Zinc	PA 12	N/A	YE	2M/PUR	6	<p><b>Diagram 6</b></p>

Rectangular

For material descriptions see page M36.