

Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
5.5 mm - Embeddable/Nonembeddable, Potted-In Cable 	Bi 2-Q5.5-AG6X	S1613108		•	2	2-Wire DC
	Bi 2-Q5.5-AN6X	S1613100		•	2	3-Wire DC NPN
	Bi 2-Q5.5-AN6X/S34	S1613101	<i>Weld-field Immune</i>	•	2	
	Ni 3.5-Q5.5-AN6X	S4613610			3.5	3-Wire DC PNP
	Bi 2-Q5.5-AP6X	S1613000		•	2	
	Bi 2-Q5.5-AP6X/S34	S1613001	<i>Weld-field Immune</i>	•	2	
	Bi 2-Q5.5K-AP6X	S1613015			•	2
5.5 mm - Embeddable/Nonembeddable, Potted-In Cable 	Bi 2-Q5.5K-Y1X	S4055300		•	2	2-Wire DC NAMUR
	Bi 2-Q5.5K-AN6X	S1613016		•	2	3-Wire DC NPN
	Bi 2-Q5.5K-AP6X	S1613015		•	2	3-Wire DC PNP
6.0 mm - Embeddable, Potted-In Cable 	Bi 3-Q06-AN6X2	S1620150		•	3	3-Wire DC NPN
	Bi 3-Q06-AP6X2	S1620100		•	3	3-Wire DC PNP
6.5 mm - Embeddable/Nonembeddable, Potted-In Cable 	Bi 1-Q6.5-AN6	S4613420		•	1	3-Wire DC NPN
	Ni 2-Q6.5-AN6	S4613520			2	
	Bi 1-Q6.5-AP6/S34	S4613401	<i>Weld-field Immune</i>	•	1	3-Wire DC PNP
	Ni 2-Q6.5-AP6/S34	S1650023	<i>Weld-field Immune</i>	•	2	

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	≤50	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	1	Diagram 1
10-30 VDC	2000	≤150	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	2	
	2000	≤150	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	2	
	2000	≤150	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	2	
10-30 VDC	2000	≤150	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	3	Diagram 2
	2000	≤150	-25 to +85	IP 67	PP	PP	N/A	YE	2M/PUR	3	
	2000	≤150	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	3	
	2000	≤150	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	3	
5-30 VDC	2000	Remote	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	4	Diagram 3
10-30 VDC	2000	≤150	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	2	Diagram 4
10-30 VDC	2000	≤150	-25 to +70	IP 67	PP	PP	N/A	YE	2M/PUR	3	
10-30 VDC	1000	≤200	-25 to +70	IP 67	PBT	PA	GN	YE	2M/PUR	2	
10-30 VDC	1000	≤200	-25 to +70	IP 67	PBT	PA	GN	YE	2M/PUR	3	
10-30 VDC	2000	≤150	-25 to +70	IP 67	PA 12	PA	N/A	N/A	2M/PUR	2	
	2000	≤150	-25 to +70	IP 67	PA 12	PA	N/A	N/A	2M/PUR	2	
10-30 VDC	30	≤150	-25 to +70	IP 67	PA 12	PA	N/A	N/A	2M/PUR	3	
	30	≤150	-25 to +70	IP 67	PA 12	PA	N/A	N/A	2M/PUR	3	

Rectangular

For material descriptions see page M36.