

Inductive 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-AG61X	S4405042		•	2	2-Wire DC	
	Bi 2-Q5.5-AG6X	S1613108		•	2		
	Bi 2-Q5.5-AN6X	S1613100		•	2	3-Wire DC NPN	
	Bi 2-Q5.5-AN6X/S34	S1613101	Weld-field Immune	•	2		
	Ni 3.5-Q5.5-AN6X	S4613610			3.5		
	Bi 2-Q5.5K-AN6X	S1613016		••	2		
	Bi 2-Q5.5-AP6X	S1613000		•	2	3-Wire DC PNP	
	Bi 2-Q5.5-AP6X/S34	S1613001	Weld-field Immune	•	2		
	Ni 3.5-Q5.5-AP6X	S4613601			3.5		
	Bi 2-Q5.5K-AP6X	S1613015		•	2		
Bi 2-Q5.5K-Y1X	S4055300			•	2	2-Wire DC NAMUR	
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	S4613400			•	1	3-Wire DC PNP
	Bi 1-Q6.5-AP6/S34	S4613401	Weld-field Immune	•	1		
	Ni 2-Q6.5-AP6	S4613500			2		
	Ni 2-Q6.5-AP6/S34	S1650023	Weld-field Immune		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	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	1000	≤50	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	1	Diagram 1
	1000	≤50	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	1	
10-30 VDC	2000	≤150	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	Diagram 2
	2000	≤150	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	
	2000	≤150	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	2	
	1000	≤150	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	1	
10-30 VDC	2000	≤150	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	Diagram 3
	2000	≤150	-25 to +85	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	
	2000	≤150	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PVC	3	
	1000	≤150	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	2	
5-30 VDC	2000	Remote	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	2M/PUR	4	Diagram 4
10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	GN	YE	2M/PVC	2	
	10-30 VDC	1000	≤200	-25 to +70	IP 67	PA 12	PA 12	GN	YE	2M/PVC	
10-30 VDC		2000	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	
	2000	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	2	
10-30 VDC	2000	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	3	
	30	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	3	
	2000	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	3	
	30	≤150	-25 to +70	IP 67	PBT	PBT	N/A	N/A	2M/PVC	3	

Rectangular

For material descriptions see page M22.