

# Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>9.5 mm - Nonembeddable, Potted-In Cable</b> 	Ni 2-Q9.5-AP6/S34	S1650077	<i>Weld-field Immune</i>		2	3-Wire DC PNP
<b>10 mm - Embeddable, Potted-In Cable</b> 	Bi 8U-Q10-AN6X2	S1662003	<i>Uprox</i>	•	8	3-Wire DC NPN
	Bi 8-Q10-VN6X2	S4616410	<i>Comp. Outputs</i>	•	8	4-Wire DC NPN
	Bi 8U-Q10-AP6X2	S1662001	<i>Uprox</i>	•	8	3-Wire DC PNP
	Bi 8-Q10-VP6X2	S4616401	<i>Comp. Outputs</i>	•	8	4-Wire DC PNP
<b>10 mm - Embeddable, <i>picofast</i>® Connector</b> 	Bi 8U-Q10-AN6X2-V1131	S1662004	<i>Uprox</i>	•	8	3-Wire DC NPN
	Bi 8U-Q10-AP6X2-V1131	S1662002	<i>Uprox</i>	•	8	3-Wire DC PNP
<b>10 mm - Embeddable, <i>picofast</i> Connector</b> 	Bi 8-Q10-VP6X2-V1141	S4616402	<i>Comp. Outputs</i>	•	8	4-Wire DC PNP

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	Face	Power LED	Output LED	Mating Cord, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	30	≤150	-25 to +70	IP 67	PA 12	PA 12	N/A	N/A	2M/PUR	2	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p>
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	2M/PUR	1	<p><b>Diagram 3</b></p> <p><b>Diagram 4</b></p>
10-30 VDC	250	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	2M/PUR	6	<p><b>Diagram 5</b></p>
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	2M/PUR	2	<p><b>Diagram 6</b></p> <p><b>Diagram 7</b></p>
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	PKG 3M-*	3	
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	PKG 3M-*	4	
10-30 VDC	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	PKG 4M-*	5	

Rectangular

For material descriptions see page M36.