

# Inductive Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>Q80 - Embeddable/Nonembeddable, eurofast® Connector</b> 	Bi50U-Q80-AN6X2-H1141	M1608944	<i>Uprox</i>	•	50	3-Wire DC NPN
	Bi50U-Q80-AP6X2-H1141	M1608940	<i>Uprox</i>	•	50	3-Wire DC PNP
	Bi50U-Q80-VN4X2-H1141	M1562001	<i>Uprox</i>	•	50	4-Wire DC NPN
	Ni70U-Q80-VN4X2-H1141		<i>Uprox</i>	•	70	
	Bi50U-Q80-VP4X2-H1141	M1562000	<i>Uprox</i>	•	50	4-Wire DC PNP
Ni70U-Q80-VP4X2-H1141	M1625833	<i>Uprox</i>	•	70		
<b>Q80 - Embeddable, minifast® Connector</b> 	Bi50-Q80-ADZ30X2-B1131	M4200310		•	50	2-Wire AC/DC Short-Circuit Protected
<b>Q80 - Embeddable, microfast® Connector</b> 	Bi50-Q80-ADZ30X2-B3131	M4200311		•	50	2-Wire AC/DC Short-Circuit Protected

For detailed sensor specifications see Section A.  
 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
10-30 VDC	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4T-*	1	<p><b>Diagram 1</b></p>
10-30 VDC	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4T-*	2	<p><b>Diagram 2</b></p>
10-65 VDC	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4.4T-*	3	<p><b>Diagram 3</b></p>
	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4.4T-*	3	
10-65 VDC	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4.4T-*	4	<p><b>Diagram 3</b></p>
	250	≤200	0 to +50	IP 67	PBT	PBT	GN	YE	RK 4.4T-*	4	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 30-*M	5	<p><b>Diagram 4</b></p>
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 30-*M	5	<p><b>Diagram 4</b></p>
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	KB 3T-*	6	<p><b>Diagram 5</b></p>
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	KB 3T-*	6	<p><b>Diagram 6</b></p>

Rectangular

For material descriptions see page A34.