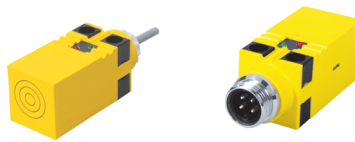


Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output																																																																																									
Q34 - Embeddable, Potted-In Cable 	Bi10F-Q34-ADZ30X2/S34	T4202100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected																																																																																									
	Bi10T-Q34-ADZ30X2/S34	T4202200	Top Sensing, WFI	•	10		Q34 - Embeddable, eurofast® Connector 	Bi10F-Q34-AN6X2-H1141		Front Sensing	•	10	3-Wire DC NPN	Bi10T-Q34-AN6X2-H1141		Top Sensing	•	10	Bi10F-Q34-AP6X2-H1141	T4693190	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-H1141	T4693390	Top Sensing	•	10	Q34 - Embeddable, minifast® Connector 	Bi10F-Q34-AN6X2-B1141	T4693200	Front Sensing	•	10	3-Wire DC NPN	Bi10T-Q34-AN6X2-B1141		Top Sensing	•	10	Bi10F-Q34-AP6X2-B1141	T4693100	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-B1141	T4693300	Top Sensing	•	10	Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•	10	Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•	10	Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing
Q34 - Embeddable, eurofast® Connector 	Bi10F-Q34-AN6X2-H1141		Front Sensing	•	10	3-Wire DC NPN																																																																																									
	Bi10T-Q34-AN6X2-H1141		Top Sensing	•	10			Bi10F-Q34-AP6X2-H1141	T4693190	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-H1141	T4693390	Top Sensing	•	10	Q34 - Embeddable, minifast® Connector 	Bi10F-Q34-AN6X2-B1141	T4693200	Front Sensing	•	10	3-Wire DC NPN	Bi10T-Q34-AN6X2-B1141		Top Sensing	•		10	Bi10F-Q34-AP6X2-B1141	T4693100	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-B1141	T4693300	Top Sensing	•	10	Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•	10	Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI		•	10	Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10							
	Bi10F-Q34-AP6X2-H1141	T4693190	Front Sensing	•	10	3-Wire DC PNP																																																																																									
	Bi10T-Q34-AP6X2-H1141	T4693390	Top Sensing	•	10		Q34 - Embeddable, minifast® Connector 	Bi10F-Q34-AN6X2-B1141	T4693200	Front Sensing	•	10	3-Wire DC NPN	Bi10T-Q34-AN6X2-B1141		Top Sensing	•	10		Bi10F-Q34-AP6X2-B1141	T4693100	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-B1141	T4693300	Top Sensing	•		10	Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•	10	Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•		10	Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																		
Q34 - Embeddable, minifast® Connector 	Bi10F-Q34-AN6X2-B1141	T4693200	Front Sensing	•	10	3-Wire DC NPN																																																																																									
	Bi10T-Q34-AN6X2-B1141		Top Sensing	•	10			Bi10F-Q34-AP6X2-B1141	T4693100	Front Sensing	•	10	3-Wire DC PNP	Bi10T-Q34-AP6X2-B1141	T4693300	Top Sensing	•	10		Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•		10	Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•		10	Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																													
	Bi10F-Q34-AP6X2-B1141	T4693100	Front Sensing	•	10	3-Wire DC PNP																																																																																									
	Bi10T-Q34-AP6X2-B1141	T4693300	Top Sensing	•	10			Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•	10		Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•	10		Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																																									
	Bi10F-Q34-ADZ30X2-B1131/S34	T4201100	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected																																																																																									
	Bi10T-Q34-ADZ30X2-B1131/S34	T4201200	Top Sensing, WFI	•	10			Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10	Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•	10		Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																																																					
	Bi10F-Q34-AZ3X2-B1131	T1369200	Front Sensing	•	10	2-Wire AC/DC																																																																																									
	Bi10T-Q34-AZ3X2-B1131	T1369000	Top Sensing	•	10		Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•	10		Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																																																																	
Q34 - Embeddable, microfast® Connector 	Bi10F-Q34-ADZ30X2-B3131/S34	T4217000	Front Sensing, WFI	•	10	2-Wire AC/DC Short-Circuit Protected																																																																																									
	Bi10T-Q34-ADZ30X2-B3131/S34	T4217100	Top Sensing, WFI	•	10			Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																																																																													
	Bi10F-Q34-AZ3X2-B3131	T1369298	Front Sensing	•	10	2-Wire AC/DC																																																																																									
	Bi10T-Q34-AZ3X2-B3131	T1369098	Top Sensing	•	10																																																																																										

WFI = Weld-Field Immune Sensors.

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
10-300 VDC 20-250 VAC	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	2M/PVC	1	Diagram 1
	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	2M/PVC	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	2	Diagram 2
	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	3	Diagram 3
	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RK 4T-*	3	
10-30 VDC	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 40-*M	4	Diagram 4
	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 40-*M	4	
10-30 VDC	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 40-*M	5	Diagram 5
	500	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	RKM 40-*M	5	
10-300 VDC 20-250 VAC	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	RKM 30-*M	6	Diagram 6
	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	RKM 30-*M	6	
10-300 VDC 20-250 VAC	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	RKM 30-*M	6	
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	RKM 30-*M	6	
10-300 VDC 20-250 VAC	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	KB 3T-*	7	Diagram 7
	30	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	KB 3T-*	7	
10-300 VDC 20-250 VAC	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	KB 3T-*	7	
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	RD	KB 3T-*	7	

Rectangular

For material descriptions see page M36.