

Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
CP40 - Embeddable/Nonembeddable, Terminal Chamber 	Bi 15-CP40-AD4X	M4477000		•	15	2-Wire DC
	Ni 20-CP40-AD4X	M4477100			20	
	Bi 15U-CP40-AN6X2	M1623512	<i>Uprox</i>	•	15	3-Wire DC NPN
	Bi 15-CP40-AN6X2	M1623000		•	15	
	Bi 20U-CP40-AN6X2	M1625828	<i>Uprox+</i>	•	20	
	Bi 30U-CP40-AN6X2	M1625827	<i>Uprox+</i>	•	30	
	Ni 20-CP40-AN6X2	M1623100			20	
	Ni 25U-CP40-AN6X2	M1623711	<i>Uprox</i>		25	
	Ni 40U-CP40-AN6X2	M1623610	<i>Uprox, Ext. Range</i>		40	
	Bi 15-CP40-AN6X2/S97	M1623001	<i>Low Temp -40°C</i>	•	15	
	Ni 50U-CP40-AN6X2	M1625824	<i>Uprox+</i>		50	
	Bi 15U-CP40-AP6X2	M1623502	<i>Uprox</i>	•	15	
	Bi 15-CP40-AP6X2	M1603000		•	15	
	Bi 20U-CP40-AP6X2	M1625826	<i>Uprox+</i>	•	20	
	Bi 30U-CP40-AP6X2	M1625825	<i>Uprox+</i>	•	30	
	Ni 20-CP40-AP6X2	M1603100			20	
	Ni 25U-CP40-AP6X2	M1623701	<i>Uprox</i>		25	
	Ni 40U-CP40-AP6X2	M1623602	<i>Uprox</i>		40	
	Ni 50U-CP40-AP6X2	M1625842	<i>Uprox+</i>		50	
			<i>Ext. Range</i>			
	Bi 15U-CP40-VN4X2	M1540511	<i>Uprox</i>	•	15	4-Wire NPN
	Bi 15-CP40-VN4X2	M1525000	<i>Comp. Outputs</i>	•	15	
	Bi 15-CP40-VN4X2/S100	M1514400	<i>High Temp. 100°C</i>	•	15	
	Bi 20-CP40-VN4X2	M1579221	<i>Ext. Range</i>	•	20	
	Ni 20-CP40-VN4X2	M1525100	<i>Comp. Outputs</i>		20	
	Ni 20-CP40-VN4X2/S100	M1527200	<i>High Temp. 100°C</i>		20	
	Ni 35-CP40-VN4X2	M1525400	<i>Comp. Outputs</i>		35	
	Ni 40U-CP40-VN4X2	M1540611	<i>Uprox, Ext. Range</i>		40	
	Ni 50U-CP40-VN4X2	M1625807	<i>Uprox</i>		50	
	Bi 15U-CP40-VP4X2	M1540501	<i>Uprox</i>	•	15	4-Wire PNP
	Bi 15-CP40-VP4X2	M1501000	<i>Comp. Outputs</i>	•	15	
	Bi 15-CP40-VP4X2/S100	M1501900	<i>High Temp. 100°C</i>	•	15	
	Bi 20-CP40-VP4X2	M1501200	<i>Ext. Range</i>	•	20	
	Ni 20-CP40-VP4X2	M1501100	<i>Comp. Outputs</i>		20	
	Ni 20-CP40-VP4X2/S100	M1502000	<i>High Temp. 100°C</i>		20	
	Ni 35-CP40-VP4X2	M1501400	<i>Comp. Outputs</i>		35	
	Ni 40U-CP40-VP4X2	M1540601	<i>Uprox, Ext. Range</i>		40	
	Ni 50U-CP40-VP4X2	M1538303	<i>Uprox</i>		50	

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	150	≤100	-25 to +70	IP 67	PBT	PBT	N/A	YE	- - - -	1	Diagram 1
	150	≤100	-25 to +70	IP 67	PBT	PBT	N/A	YE	- - - -	1	
10-30 VDC	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	2	Diagram 2
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	2	
	250	≤200	-25 to +70	IP 68	PBT	PBT	GN	YE	N/A	2	
	250	≤200	-10 to +60	IP 68	PBT	PBT	GN	YE	N/A	2	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	2	
	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	2	
	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	2	
	250	≤200	-40 to +70	IP 67	PBT	PBT	GN	YE	- - - -	2	
10-30 VDC	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	N/A	5	Diagram 3
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	3	
	250	≤200	-25 to +70	IP 68	PBT	PBT	GN	YE	N/A	3	
	250	≤200	-10 to +60	IP 68	PBT	PBT	GN	YE	N/A	3	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	3	
	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	3	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	3	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	3	
10-65 VDC	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	4	Diagram 4
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	150	≤200	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	4	
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	150	≤200	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	4	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	4	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	4	
10-65 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	5	Diagram 5
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	150	≤200	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	5	
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	150	≤200	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	5	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	5	
	250	≤200	-30 to +85	IP 68	PBT	PBT	GN	YE	- - - -	5	

For material descriptions see page M36.