Inductive
Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
CP40 - Embeddable/Nonembeddable, Terminal Chamber	Bi15-CP40-AD4X	M4477000		•	15	2-Wire DC
	Ni20-CP40-AD4X	M4477100			20	
	Bi15U-CP40-AN6X2	M1623512	*Uprox*	•	15	3-Wire DC NPN
	Bi15-CP40-AN6X2	M1623000		•	15	
	Ni20-CP40-AN6X2	M1623100			20	
	Ni25U-CP40-AN6X2	M1623711	*Uprox*		25	
	Ni40U-CP40-AN6X2	M1623610	*Uprox*, Ext. Range		40	
	Bi15-CP40-AN6X2/S97	M1623001	*Low Temp -40° C*	•	15	
	Bi15U-CP40-AP6X2	M1623502	*Uprox*	•	15	3-Wire DC PNP
	Bi15-CP40-AP6X2	M1603000		•	15	
	Ni20-CP40-AP6X2	M1603100			20	
	Ni25U-CP40-AP6X2	M1623701	*Uprox*		25	
	Ni40U-CP40-AP6X2	M1623602	*Uprox*		40	
	Ni50U-CP40-AP6X2	M1625842	*Uprox*, Ext. Range		50	
	Bi15U-CP40-VN4X2	M1540511	*Uprox*	•	15	4-Wire NPN
	Bi15-CP40-VN4X2	M1525000	Comp. Outputs	•	15	
	Bi15-CP40-VN4X2/S100	M1514400	*High Temp. 100°C*	•	15	
	Bi20-CP40-VN4X2	M1579221	Ext. Range	•	20	
	Ni20-CP40-VN4X2	M1525100	Comp. Outputs		20	
	Ni20-CP40-VN4X2/S100	M1527200	*High Temp. 100°C*		20	
	Ni35-CP40-VN4X2	M1525400	Comp. Outputs		35	
	Ni40U-CP40-VN4X2	M1540611	*Uprox*, Ext. Range		40	
	Ni50U-CP40-VN4X2	M1625807	*Uprox*		50	
	Bi15U-CP40-VP4X2	M1540501	*Uprox*	•	15	4-Wire PNP
	Bi15-CP40-VP4X2	M1501000	Comp. Outputs	•	15	
	Bi15-CP40-VP4X2/S100	M1501900	*High Temp. 100°C*	•	15	
	Bi20-CP40-VP4X2	M1501200	Ext. Range	•	20	
	Ni20-CP40-VP4X2	M1501100	Comp. Outputs		20	
	Ni20-CP40-VP4X2/S100	M1502000	*High Temp. 100°C*		20	
	Ni35-CP40-VP4X2	M1501400	Comp. Outputs		35	
	Ni40U-CP40-VP4X2	M1540601	*Uprox*, Ext. Range		40	
	Ni50U-CP40-VP4X2	M1538303	*Uprox*		50	

For detailed sensor specifications see Section M.
Normally Closed versions available upon request, consult factory.

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TURCK mold-on connectors available on all cable sensors. See page M25.



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	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	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	Diagram 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	- - - -	3	
	150	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	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	Diagram 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	
	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	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	
	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	Diagram 5
10-65 VDC	250	≤200	-30 to +85	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	
	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.

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