

# Inductive Rectangular Sensors



Housing Style - Rectangular	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output	
<b>CP80 - Embeddable/Nonembeddable, Terminal Chamber</b> 	Ni75U-CP80-AN6X2	M1623811	<i>Uprox</i>		75	3-Wire DC NPN	
	Ni75U-CP80-AP6X2	M1623801	<i>Uprox</i>		75	3-Wire DC PNP	
	Bi40-CP80-VN4X2	M1579800	<i>Comp. Outputs</i>	•	40	4-Wire DC NPN	
	Ni40-CP80-VN4X2	M1525500	<i>Comp. Outputs</i>		40		
	Ni50-CP80-VN4X2	M1525600	<i>Comp. Outputs</i>		50		
	Ni75U-CP80-VN4X2	M1540811	<i>Uprox</i>		75		
	Bi40-CP80-VP4X2	M1569800	<i>Comp. Outputs</i>	•	40	4-Wire DC PNP	
	Ni40-CP80-VP4X2	M1501500	<i>Comp. Outputs</i>		40		
	Ni50-CP80-VP4X2	M1501600	<i>Comp. Outputs</i>		50		
	Ni75U-CP80-VP4X2	M1540801	<i>Uprox</i>		75		
	Bi40-CP80-FDZ30X2	M4230901	<i>Prog. Outputs</i>	•	40	2-Wire AC/DC Short-Circuit Protected	
	Ni50-CP80-FDZ30X2	M4232100	<i>Prog. Outputs</i>		50		
	Ni50-CP80-FDZ30X2/S100	M4229000	<i>High Temp. 100°C</i>		50		
	Ni75U-CP80-FDZ30X2	M4280901	<i>Uprox</i>		75		
	Bi40-CP80-FZ3X2	M1340401	<i>Prog. Outputs</i>	•	40	2-Wire AC/DC	
	Ni40-CP80-FZ3X2	M1341500	<i>Prog. Outputs</i>		40		
	Ni40-CP80-FZ3X2/S100	M1345300	<i>High Temp. 100°C</i>		40		
	Ni50-CP80-FZ3X2	M1341600	<i>Prog. Outputs</i>		50		
	Ni40-CP80-Y1	M1040000				40	2-Wire NAMUR
	Ni50-CP80-Y1	M1040100				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
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	1	<b>Diagram 1</b> 
10-30 VDC	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	2	<b>Diagram 2</b> 
10-65 VDC	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	3	<b>Diagram 3</b> 
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	3	
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	3	
	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	3	
10-65 VDC	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	<b>Diagram 4</b> 
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	100	≤200	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	4	
	250	≤200	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	4	
20-250 VAC 10-300 VDC	60	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	<b>Diagram 5</b> 
	100	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	20	≤400/300	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	5	
	25	≤400/300	-30 to +85	IP 67	PBT	PBT	GN	YE	- - - -	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	<b>Diagram 6</b> 
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
	20	≤400/300	-25 to +100	IP 67	PBT	PBT	GN	YE	- - - -	5	
	20	≤400/300	-25 to +70	IP 67	PBT	PBT	GN	YE	- - - -	5	
5-30 VDC	100	Remote	-25 to +70	IP 67	PBT	PBT	N/A	N/A	- - - -	6	<b>Diagram 6</b> 
	100	Remote	-25 to +70	IP 67	PBT	PBT	N/A	N/A	- - - -	6	

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For material descriptions see page M36.