

Inductive Rectangular Sensors



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

Rectangular

For material descriptions see page M36.