

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>12 mm - Embeddable/Nonembeddable, Plastic, Terminal Chamber</b> 	Bi 2-P12SK-Y1X	M4031000		•	2	2-Wire DC NAMUR
	Ni 5-P12SK-Y0X	T4031100			5	2-Wire DC NAMUR
<b>12 mm - Embeddable/Nonembeddable, Plastic, Terminal Chamber</b> 	Bi 2-P12SK-AD4X	T4453050		•	2	2-Wire DC
	Bi 2-P12SK-AN6X2	T4654000		•	2	3-Wire DC NPN
	Bi 2-P12SK-AP6X2	T4653900		•	2	3-Wire DC PNP
	Bi 3U-P12SK-AP6X	M1634700	<i>Uprox</i>	•	3	
	Ni 5-P12SK-AP6X2	T4654100			5	
Bi 2-P12SK-AZ31X	M1339500			•	2	2-Wire AC/DC

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	Face	End Cap	Power LED	Output LED	Cable Length/	Wiring Diagram #	Wiring Diagrams
5-30 VDC	5000	Remote	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	- - - -	1	<p><b>Diagram 1</b></p>
5-30 VDC	2000	Remote	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	- - - -	1	<p><b>Diagram 2</b></p>
10-65 VDC	1000	≤100	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	- - - -	2	<p><b>Diagram 3</b></p>
10-30 VDC	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	GN	YE	- - - -	3	<p><b>Diagram 4</b></p>
10-30 VDC	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	GN	YE	- - - -	4	<p><b>Diagram 5</b></p>
	3000	≤200	-30 to +85	IP 68	PA 12	PA 12	EPTR	N/A	YE	- - - -	4	
	1500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	GN	YE	- - - -	4	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	- - - -	5	

Barrels

For material descriptions see page M36.