

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Nonembeddable, Potted-In Cable</b> 	Ni 4-EM12D-AP6/S120	M1633110	<i>High Temp. 120°C</i>	4	3-Wire DC PNP
<b>12 mm - Nonembeddable, Potted-In Cable</b> 	Ni 4-M12T-AN6X	T4606300		4	3-Wire DC NPN
	Ni 4-M12T-AP6X	T4606200		4	3-Wire DC PNP
<b>12 mm - Nonembeddable, Potted-In Cable</b> 	Ni 8-G12K-AD4X	T4411230	<i>Short Barrel</i>	8	2-Wire DC
	Ni 5-G12K-AN6X	T4671300	<i>Short Barrel</i>	5	3-Wire DC NPN
	Ni 5-G12K-AP6X	T4670300	<i>Short Barrel</i>	5	3-Wire DC PNP
<b>12 mm - Nonembeddable, Potted-In Cable</b> 	Ni 5-G12-AN6X	T4635700		5	3-Wire DC NPN
	Ni 5-G12-AN7X	T1714500	<i>TTL Compatible</i>	5	
	Ni 8-G12-AN6X	T4611327	<i>Extended Range</i>	8	
	Ni 5-G12-AP6X	T4635600		5	3-Wire DC PNP
	Ni 5-G12-Y0	T1005500		5	2-Wire NAMUR
	Ni 5-G12-Y0X	T4010100		5	

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/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	100	≤200	-25 to +120C	IP 67	SS	PTFE	PTFE	N/A	N/A	2M/PTFE	3	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p> <p><b>Diagram 4</b></p>
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-65 VDC	2000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	1500	≤150	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	1500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	1500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
5-30 VDC	2000	N/A	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	N/A	2M/PVC	1	
	2000	N/A	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	



Barrels

For material descriptions see page M22.