

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Non-Embeddable, Potted-In Cable 	Ni 5-EM12WD-AN6X	M4653430	Washdown	5	3-Wire DC NPN
	Ni 5-EM12WD-AP6X	M4653417	Washdown	5	3-Wire DC PNP
	Ni 5-EM12WD-AP6/S100	M4653425	Washdown, High Temp. 100°C	5	
12 mm - Nonembeddable, Potted-In Cable, Extended Barrel Length 	Ni 4-M12E-AD4X	T4405298		4	2-Wire DC
	Ni 8-M12E-AN6X	T4611326		8	3-Wire DC NPN
	Ni 8U-EM12E-AN6X	M1644322	Uprox	8	
	Ni 8U-M12E-AN6X	M1644121	Uprox	8	3-Wire DC PNP
	Ni 8U-EM12E-AP6X	M1644303	Uprox	8	
	Ni 8U-M12E-AP6X	M1644102	Uprox	8	4-Wire DC PNP
	Ni 4-M12E-VN6X	T1643190	Comp. Output	4	
	Ni 4-M12E-VP6X	T1633192	Comp. Output	4	4-Wire DC PNP

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	1500	≤200	-10 to +85	IP 68, 69	SS	PVDF	EPTR	N/A	YE	2M/PUR	2	Diagram 1
10-30 VDC	1500	≤200	-25 to +85	IP 68, 69K	SS	PVDF	EPTR	N/A	YE	2M/PUR	3	Diagram 2
	1500	≤200	-25 to +100	IP 68, 69K	SS	IRPA	EPTR	N/A	N/A	2M/PUR	3	
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	Diagram 3
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	Diagram 4
	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	Diagram 5
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	

For material descriptions see page M22.