

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
12 mm - Non-Embeddable, Potted-In Cable 	Ni 4-M12-AD4X	T4405200		4	2-Wire DC	
	Ni 8-M12-AD4X	T4411235	Extended Range	8		
	Ni 8-M12-AD4X/S90	T4411235-1	Extended Range	8		
	Ni 4-M12-AN6X	T4606380			4	3-Wire DC NPN
	Ni 8-M12-AN6X	T4611318	Extended Range	8		
	Ni 8U-EM12-AN6X	M1644320	Ext. Range, Uprox	8		
	Ni 8U-M12-AN6X	M1644120	Ext. Range, Uprox	8		
	Ni 4-M12-AP6X	T4605200			4	3-Wire DC PNP
	Ni 4-M12-AP6X/S100	M4605201	High Temp. 100°C	4		
	Ni 8-M12-AP6X	T4611319	Extended Range	8		
	Ni 8U-EM12-AP6X	M1644300	Uprox	8		
	Ni 8U-M12-AP6X	M1644100	Uprox	8		
	Ni 4-M12-VN6X	T1640400			4	4-Wire DC NPN
	Ni 8-M12-VN6X	T4611321	Ext. Range, Comp. Output	8		
	Ni 4-M12-VP6X	T1630400			4	4-Wire DC PNP
	Ni 8-M12-VP6X	T4611322	Ext. Range, Comp. Output	8		

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
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 1 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 2 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 3 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Diagram 4 </div> <div style="border: 1px solid black; padding: 5px;"> Diagram 5 </div>
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PUR	1	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	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	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-25 to +100	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	
	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	
	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	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	

Barrels

For material descriptions see page M22.