

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>30 mm - Nonembeddable, Potted-In Cable</b> 	Ni15-M30-AD4X	T4417200		15	2-Wire DC
	Ni20-M30-AD4X	T4466135	<i>Extended Range</i>	20	
	Ni15-M30-AP6X/S100	M4617200	<i>High Temp. 100°C</i>	15	3-Wire DC NPN
	Ni20-M30-AN6X	T4670516	<i>Extended Range</i>	20	
	Ni20U-EM30-AN6X	M1646320	<i>Uprox</i>	20	
	Ni20U-M30-AN6X	M1646120	<i>Uprox</i>	20	
	Ni20-M30-AP6X	T4670511	<i>Extended Range</i>	20	3-Wire DC PNP
	Ni20U-EM30-AP6X	M1646300	<i>Uprox</i>	20	
	Ni20U-M30-AP6X	M1646100	<i>Uprox</i>	20	
	Ni15-M30-VN4X	T1571500	<i>Comp. Outputs</i>	15	4-Wire DC NPN
	Ni20-M30-VN4X	T4590604	<i>Extended Range</i>	20	
	Ni15-M30-VP4X	T1561500	<i>Comp. Outputs</i>	15	4-Wire DC PNP
	Ni20-M30-VP4X	T4590605	<i>Extended Range</i>	20	

For detailed sensor specifications see Section M.  
 Normally Closed versions available upon request, consult factory.

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Voltage	Switching Freq. (Hz)	Operating Current AC/DC	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-65 VDC	200	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	<b>Diagram 1</b> 
	200	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
10-30 VDC	500	≤200	-25 to +100	IP 67	CPB	IRPA	EPTR	N/A	YE	2M/PVC	2	<b>Diagram 2</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	1500	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	<b>Diagram 3</b> 
	1500	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	<b>Diagram 4</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	<b>Diagram 5</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	

Barrels

For material descriptions see page M36.