

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
30 mm - Nonembeddable, Potted-In Cable 	Ni15-M30-AD4X	T4417200		15	2-Wire DC
	Ni20-M30-AD4X	T4466135	Extended Range	20	
	Ni15-M30-AP6X/S100	M4617200	High Temp. 100°C	15	3-Wire DC NPN
	Ni20-M30-AN6X	T4670516	Extended Range	20	
	Ni20U-EM30-AN6X	M1646320	Uprox	20	
	Ni20U-M30-AN6X	M1646120	Uprox	20	
	Ni20-M30-AP6X	T4670511	Extended Range	20	3-Wire DC PNP
	Ni20U-EM30-AP6X	M1646300	Uprox	20	
	Ni20U-M30-AP6X	M1646100	Uprox	20	
	Ni15-M30-VN4X	T1571500	Comp. Outputs	15	4-Wire DC NPN
	Ni20-M30-VN4X	T4590604	Extended Range	20	
	Ni15-M30-VP4X	T1561500	Comp. Outputs	15	4-Wire DC PNP
Ni20-M30-VP4X	T4590605	Extended Range	20		
30 mm - Nonembeddable, Potted-In Cable 	Ni20-EM30WD-AN6X	M4653434	Washdown	20	3-Wire DC NPN
	Ni20-EM30WD-AP6X	M4653423	Washdown	20	3-Wire DC PNP
30 mm - Nonembeddable, Potted-In Cable 	Ni15-EM30D-VP6X/S120	M4617410	High Temp. 120°C	15	3-Wire DC PNP

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) 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	Diagram 1
	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	Diagram 2
	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	Diagram 3
	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	Diagram 4
	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	Diagram 5
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
10-30 VDC	1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	EPTR	N/A	YE	2M/PUR	2	Diagram 4
10-30 VDC	1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	EPTR	N/A	YE	2M/PUR	3	Diagram 5
10-30 VDC	1000	≤200	-25 to +120	IP 67	SS	PTFE	PTFE	N/A	YE	2M/PTFE	3	

Barrels

For material descriptions see page A34.

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