

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output	
30 mm - Embeddable/Nonembeddable, Partial Threading, Potted-In Cable 	Bi10-S30-AD4X	T4459000		•	10	2-Wire DC	
	Ni15-S30-AD4X	T4459200			15		
	Bi10-S30-AN6X	T4659100			•	10	3-Wire DC NPN
	Bi10-S30-AN7X	T1720100	<i>TTL Compatible</i>	•	10		
	Bi10-S30-AN7X/S100	T1777700	<i>High Temp. 100°C</i>	•	10		
	Bi10U-S30-AN6X	M1636520	<i>Uprox</i>	•	10		
	Ni15-S30-AN6X	T4659300			15		
	Ni15-S30-AN6X/S100	T4659321	<i>High Temp. 100°C</i>		15		
	Ni15-S30-AN6X/S97	M4659322	<i>Low Temp. -40°C</i>		15		
	Ni15-S30-AN7X	T1720200	<i>TTL Compatible</i>		15		
	Ni15-S30-AN7X/S100	T1777600	<i>High Temp. 100°C</i>		15		
	Ni20U-S30-AN6X	M1646520	<i>Uprox</i>		20		
	Bi10-S30-AP6X	T4659000			•	10	3-Wire DC PNP
	Bi10-S30-AP6X/S100	M4659002	<i>High Temp. 100°C</i>	•	10		
	Bi10-S30-AP6X/S97	M4659003	<i>Low Temp. -40°C</i>	•	10		
	Bi10U-S30-AP6X	M1636500	<i>Uprox</i>	•	10		
	Ni15-S30-AP6X	T4659200			15		
	Ni20U-S30-AP6X	M1646500	<i>Uprox</i>		20		
	Bi10-S30-VN4X	M1522300	<i>Comp. Output</i>		•	10	4-Wire DC NPN
	Ni15-S30-VN4X	T1522400	<i>Comp. Output</i>		15		
	Bi10-S30-VP4X	T1512200	<i>Comp. Output</i>		•	10	4-Wire DC PNP
	Ni15-S30-VP4X	T1563000	<i>Comp. Output</i>		15		
	Bi10-S30-VP4X/S100	M1514000	<i>High Temp. 100°C</i>		•	10	
	Bi10-S30-AZ3X	T4355400			•	10	2-Wire AC/DC
	Bi10-S30-AZ3X/S100	M1371900	<i>High Temp. 100°C</i>		•	10	
	Ni15-S30-AZ3X	T4355500			15		
	Ni15-S30-AZ3X/S100	T1375800	<i>High Temp. 100°C</i>		15		

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 (mA)	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-65 VDC	500	≤100	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	1	<p>Diagram 1</p> <p>Diagram 2</p> <p>Diagram 3</p> <p>Diagram 4</p> <p>Diagram 5</p> <p>Diagram 6</p>
	200	≤100	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-30 to +85	IP 68	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-40 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/Silicon	2	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2	
500	≤200	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	YE	2M/PVC	2		
1500	≤200	-30 to +85	IP 68	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	2		
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	3	
	500	≤200	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	YE	2M/PVC	3	
	500	≤200	-40 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/Silicon	3	
	2000	≤200	-30 to +85	IP 68	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	3	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	3	
1500	≤200	-30 to +85	IP 68	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	3		
10-65 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	4	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-65 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	5	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	YE	2M/PVC	5	
	500	≤200	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	YE	2M/PVC	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	RD	2M/PVC	6	
	20	≤400/300	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	RD	2M/PVC	6	
	20	≤400/300	-25 to +70	IP 67	PA 12	PA 12	EPTR	N/A	RD	2M/PVC	6	
	20	≤400/300	-25 to +100	IP 67	PA 12	IRPA	EPTR	N/A	RD	2M/PVC	6	

Barrels

For material descriptions see page M36.