

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
<b>30 mm - Embeddable/Nonembeddable, Partial Threading, eurofast® Connection</b> 	Bi 10-S30-AD4X-H1141	T4458000		•	10	2-Wire DC
	Ni 15-S30-AD4X-H1141	T4458200			15	
	Bi 10-S30-AN6X-H1141	T4658100		•	10	3-Wire DC NPN
	Bi 10U-S30-AN6X-H1141	M1636620	<i>Uprox</i>	•	10	
	Ni 15-S30-AN6X-H1141	T4658300			15	
	Ni 20U-S30-AN6X-H1141	M1646620	<i>Uprox</i>		20	
	Bi 10-S30-AP6X-H1141	T4658000		•	10	3-Wire DC PNP
	Bi 10U-S30-AP6X-H1141	M1636600	<i>Uprox</i>	•	10	
	Ni 15-S30-AP6X-H1141	T4658200			15	
	Ni 15-S30-AP6X-H1141/S97	M4658201	<i>Low Temp. -40°C</i>		15	
Ni 20U-S30-AP6X-H1141	M1646600	<i>Uprox</i>		20		
<b>30 mm - Embeddable/Nonembeddable, Full Threading, minifast® Connection</b> 	Bi 10-P30-AN6X-B2141	T4697400		•	10	3-Wire DC NPN
	Ni 15-P30-AN6X-B2141	T4697600			15	
	Bi 10-P30-AP6X-B2141	T4697500		•	10	3-Wire DC PNP
	Bi 10-P30-AP6X-B2141/S100	M4697521	<i>High Temp. 100°C</i>	•	10	
Ni 15-P30-AP6X-B2141	T4697700			15		
<b>30 mm - Embeddable/Nonembeddable, Full Threading, minifast Connection</b> 	Bi 10-P30-AZ3X-B2131	T4374900		•	10	2-Wire AC/DC
	Bi 10-P30-AZ3X-B2131/S100	M1352600	<i>High Temp. 100°C</i>	•	10	
	Ni 15-P30-AZ3X-B2131	T4375400			15	

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



Voltage	Switching Freq. (Hz)	Operating Current AC/DC (mA)	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	500	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4.2T-*	1	<b>Diagram 1</b> 
	500	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4.2T-*	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	2	<b>Diagram 2</b> 
	2000	≤200	-30 to +85	IP 68	PA 12	PA 12	N/A	YE	RKK 4T-*	2	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	2	
	1500	≤200	-30 to +85	IP 68	PA 12	PA 12	N/A	YE	RKK 4T-*	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	3	<b>Diagram 3</b> 
	2000	≤200	-30 to +85	IP 68	PA 12	PA 12	N/A	YE	RKK 4T-*	3	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	3	
	500	≤200	-40 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	3	
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 40-*M	4	<b>Diagram 4</b> 
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 40-*M	4	
10-30 VDC	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 40-*M	5	<b>Diagram 5</b> 
	500	≤200	-25 to +100	IP 67	PA 12	PA 12	N/A	YE	RK 40-*M	5	
	500	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RK 40-*M	5	
20-250 AC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RK 30-*M	6	<b>Diagram 6</b> 
	20	≤400/300	-25 to +100	IP 67	PA 12	IRPA	N/A	RD	RK 30-*M	6	
	20	≤400/300	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RK 30-*M	6	

Barrels

For material descriptions see page M36.