

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output	
12 mm - Embeddable/Nonembeddable, Plastic, eurofast® Quick Disconnect 	Bi 3-P12WD-AN6X-H1141	M4605143	Washdown	•	3	3-Wire DC NPN	
	Ni 5-P12WD-AN6X-H1141	M4653713	Washdown		5		
	Bi 3-P12WD-AP6X-H1141	M4605142	Washdown	•	3	3-Wire DC PNP	
	Ni 5-P12WD-AP6X-H1141	M4653712	Washdown		5		
	12 mm - Embeddable/Nonembeddable, Plastic, eurofast Quick Disconnect 	Bi 2-S12-AD4X-H1141	T4453094		•	2	2-Wire DC
		Bi 2-S12-AN6X-H1141	T4652100		•	2	3-Wire DC NPN
Bi 3U-S12-AN6X-H1141		M1634620	Uprox	•	3		
Ni 4-S12-AN6X-H1141		T4652300			4		
Ni 8U-S12-AN6X-H1141		M1644620	Uprox		8	3-Wire DC PNP	
Bi 2-S12-AP6X-H1141		T4652000		•	2		
Bi 3U-S12-AP6X-H1141		M1634600	Uprox	•	3		
Ni 4-S12-AP6X-H1141		T4652200			4	2-Wire DC NAMUR	
Ni 8U-S12-AP6X-H1141		M1644600	Uprox		8		
Bi 2-S12-Y0X-H1141		T4030090			•	2	2-Wire DC NAMUR
Ni 5-S12-Y0X-H1141	T4030300				5		

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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-30 VDC	2000	≤200	-10 to +85	IP 68, 69K	PA 12	PA 12	N/A	YE	RK 4T-*	2	Diagram 1
	2000	≤200	-10 to +85	IP 68, 69K	PA 12	PA 12	N/A	YE	RK 4T-*	2	
10-30 VDC	2000	≤200	-10 to +85	IP 68, 69K	PA 12	PA 12	N/A	YE	RK 4T-*	3	Diagram 2
	2000	≤200	-10 to +85	IP 68, 69K	PA 12	PA 12	N/A	YE	RK 4T-*	3	
10-65 VDC	1000	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4.2T-*	1	
10-30 VDC	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	2	Diagram 3
	3000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	2	
	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	2	
	2000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	3	Diagram 4
	3000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	YE	RKK 4T-*	3	
	2000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	3	
5-30 VDC	5000	Remote	-25 to +70	IP 67	PA	PA	N/A	YE	RKK 4T-*	4	
	2000	Remote	-25 to +70	IP 67	PA	PA	N/A	YE	RKK 4T-*	4	



Barrels

* Length in meters.

For material descriptions see page M22.