

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Embeddable	Sensing Range (mm)	Output
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
	Ni 4-S12-AN6X-H1141	T4652300			4	
	Bi 2-S12-AP6X-H1141	T4652000		•	2	3-Wire DC PNP
	Ni 4-S12-AP6X-H1141	T4652200			4	
	Bi 2-S12-Y0X-H1141	T4030090		•	2	2-Wire DC NAMUR
	Ni 5-S12-Y0X-H1141	T4030300			5	
	12 mm - Embeddable/Nonembeddable, Plastic, eurofast Quick Disconnect 	Bi 3U-S12-AN6X-H1141	M1634620	<i>Uprox</i>	•	3
Ni 8U-S12-AN6X-H1141		M1644620	<i>Uprox</i>		8	
Bi 3U-S12-AP6X-H1141		M1634600	<i>Uprox</i>	•	3	3-Wire DC PNP
Ni 8U-S12-AP6X-H1141		M1644600	<i>Uprox</i>		8	

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
10-65 VDC	1000	≤100	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RKK 4.2T-*	1	Diagram 1
	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RKK 4T-*	2	Diagram 2
10-30 VDC	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RKK 4T-*	2	Diagram 2
	2000	≤200	-25 to +70	IP 67	PA 12	PA 12	N/A	RD	RKK 4T-*	3	Diagram 3
5-30 VDC	5000	Remote	-25 to +70	IP 67	PA	PA	N/A	RD	RKK 4T-*	4	Diagram 3
	2000	Remote	-25 to +70	IP 67	PA	PA	N/A	RD	RKK 4T-*	4	Diagram 3
10-30 VDC	3000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	2	Diagram 4
	2000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	2	Diagram 4
10-30 VDC	3000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	3	Diagram 4
	2000	≤200	-30 to +85	IP 68	PBT	PBT	N/A	YE	RKK 4T-*	3	Diagram 4

Barrels

* Length in meters.

For material descriptions see page M36.