

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
30 mm - Nonembeddable, eurofast® Connection, Extended Barrel Length 	NI15-M30E-AD4X-H1141	T4417790		15	2-Wire DC
	Ni15-M30E-AP6X-H1141	T4617791		15	3-Wire DC PNP
	Ni15-M30E-VN4X-H1141	T1571590	Comp. Outputs	15	4-Wire DC NPN
	Ni15-M30E-VP4X-H1141	T1561790	Comp. Outputs	15	4-Wire DC PNP
30 mm - Embeddable, microfast® Connection 	BI10-G30-ADZ30X2-B3131	T4207591		10	2-Wire AC/DC Short-Circuit Protected
	Bi10U-G30-ADZ30X2-B3131	M4281613	Uprox	10	
	Bi15-EG30H-ADZ30X2-B3131	T4207284	Stoneface	15	
	Bi15-G30-ADZ30X2-B3131	T4207201		15	
	Bi10-G30-AZ3X-B3131	T4372298		10	2-Wire AC/DC
30 mm - Embeddable, microfast Connection, Teflon Coated 	Bi10-GT30-ADZ30X2-B3131/S34	T4256203	WFI	10	2-Wire AC/DC Short-Circuit Protected
	Bi10-GT30H-ADZ30X2-B3131/S34	T4256094	Stoneface, WFI	10	
	Bi10-GT30H-ADZ30X2-B3131/S34/S1589	T4255281	WeldGuard, WFI	10	
	Bi10U-GT30-ADZ30X2-B3131	M4281623	Uprox	10	
30 mm - Nonembeddable, microfast Connection 	Ni15-G30-AZ3X-B3131	T1306090		15	2-Wire AC
	Ni20-G30-ADZ30X2-B3131	T4205406		20	2-Wire AC/DC Short-Circuit Protected
	Ni20U-G30-ADZ30X2-B3131	M4281813	Uprox	20	
30 mm - Nonembeddable, microfast Connection, Teflon Coated 	Ni20U-GT30-ADZ30X2-B3131	M4281823	Uprox	20	2-Wire AC/DC Short-Circuit Protected

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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	200	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,2T-*	1	Diagram 1
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,4T-*	3	Diagram 2
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4,4T-*	4	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	Rd	KB 3T-*	5	Diagram 3
	20	≤400/300	-30 to +85	IP 67	CPB	PA 12	GN	YE	KB 3T-*	5	
	20	≤400/300	-25 to +70	IP 67	SS	SF	GN	Rd	KBE 3T-*/S600	5	
	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	Rd	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	TC	TC	GN	Rd	KB 3T-*	5	Diagram 4
	20	≤400/300	-25 to +70	IP 67	TC	SF	GN	Rd	KBE 3T-*/S600	5	
	20	≤400/300	-25 to +70	IP 67	TC	WG	GN	Rd	KBE 3T-*/S600	5	
	20	≤400/300	-30 to +85	IP 67	TC	TC	GN	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	5	Diagram 5
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	GN	Rd	KB 3T-*	5	
	20	≤400/300	-30 to +85	IP 67	CPB	PA 12	GN	YE	KB 3T-*	5	
20-250 VAC 10-300 VDC	20	≤400/300	-30 to +85	IP 67	TC	TC	GN	YE	KB 3T-*	5	

Barrels

* Length in meters.

For material descriptions see page A34.