

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Embeddable, minifast® Right Angle Connection 	Bi 5-G18-AZ3X-B1431	T4372400		5	2-Wire AC/DC Short-Circuit Protected
18 mm - Embeddable, minifast Right Angle Connection, Teflon Coated 	Bi 5-GT18-ADZ30X2-B1431	T4255690		5	2-Wire AC/DC Short-Circuit Protected
	Bi 5-GT18-ADZ30X2-B1431/S34	T4255600	WFI	5	
	Bi 5-GT18H-ADZ30X2-B1431/S34/S1589	T4255285	weldguard®	5	
18 mm - Nonembeddable, minifast Connection 	Ni10-G18-AN6X-B1341	T4695300		10	3-Wire DC NPN
	Ni10-G18-AP6X-B1341	T4696400		10	3-Wire DC PNP
18 mm - Nonembeddable, minifast Right Angle Connection 	Ni10-G18-AN6X-B1441	T4695700		10	3-Wire DC NPN
	Ni10-G18-AP6X-B1441	T4696800		10	3-Wire DC PNP
	Ni10-G18-VN6X-B1441	T4699100	Comp. Output	10	4-Wire DC NPN
	Ni10-G18-VP6X-B1441	T4699190	Comp. Output	10	4-Wire DC PNP

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



Output	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	CPB	PA 12	N/A	RD	RKM 30-*M	1	<p>Diagram 1</p>
	20	≤400/300	-25 to +70	IP 67	TC	TC	GN	RD	RKM 30-*M	1	<p>Diagram 2</p>
	20	≤400/300	-25 to +70	IP 67	TC	WG	GN	RD	RKM 30-*M	1	<p>Diagram 3</p>
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	TC	TC	GN	RD	RKM 30-*M	1	<p>Diagram 4</p>
	20	≤400/300	-25 to +70	IP 67	TC	WG	GN	RD	RKM 30-*M	1	<p>Diagram 5</p>
	20	≤400/300	-25 to +70	IP 67	TC	WG	GN	RD	RKM 30-*M	1	<p>Diagram 6</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	2	<p>Diagram 7</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	3	<p>Diagram 8</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	2	<p>Diagram 9</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	3	<p>Diagram 10</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	4	<p>Diagram 11</p>
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKM 40-*M	5	<p>Diagram 12</p>

* Length in meters.

For material descriptions see page M22.