

Inductive Nonferrous/Ferrous Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, eurofast® Quick Disconnect 	Bi 3NF-EM12HE-AN6X2-H1141	M1615003	Non-Ferrous	3	3-Wire DC NPN
	Bi 3NF-EM12HE-AP6X2-H1141	M1615001	Non-Ferrous	3	3-Wire DC PNP
18 mm - Embeddable, eurofast® Quick Disconnect 	Bi 5NF-EM18HE-AN6X2-H1141	M1615004	Nonferrous	5	3-Wire DC NPN
	Bi 5NF-EM18HE-AP6X2-H1141	M1615000	Nonferrous	5	3-Wire DC PNP
30 mm - Embeddable, eurofast® Quick Disconnect 	Bi 10NF-EM30HE-AN6X2-H1141	M1615005	Stoneface	10	3-Wire DC NPN
	Bi 10NF-EM30HE-AP6X2-H1141	M1615002	Stoneface	10	3-Wire DC PNP
30 mm - Embeddable, Potted-In Cable 	Bi 10NF-M30-AN6X	M1616100	Nonferrous	10	3-Wire DC NPN
	Bi 10NF-M30-AP6X	M1606100	Nonferrous	10	3-Wire DC PNP
30 mm - Embeddable, Potted-In Cable, Partial Threading 	Bi 10NF-S30-AN6X	M1621500	Nonferrous	10	3-Wire DC NPN
	Bi 10NF-S30-AP6X	M1611500	Nonferrous	10	3-Wire DC PNP

For detailed sensor specifications see Section M.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset, Cable Length/ Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	3000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	<p>Diagram 1</p>
10-30 VDC	3000	≤200	0 to +60	IP 67	SS	PA 12	GN	YE	RKV 4T-*	2	<p>Diagram 2</p>
10-30 VDC	2500	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	<p>Diagram 3</p>
10-30 VDC	2500	≤200	0 to +60	IP 67	SF	PA 12	GN	YE	RKV 4T-*	2	<p>Diagram 3</p>
10-30 VDC	2000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	1	<p>Diagram 4</p>
10-30 VDC	2000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RKV 4T-*	2	
10-30 VDC	500	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	2M/PVC	3	
10-30 VDC	500	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	2M/PVC	4	
10-30 VDC	2000	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	PVC	3	
10-30 VDC	2000	≤200	0 to +60	IP 67	CPB	PA 12	N/A	YE	PVC	4	

* Length in meters.

For material descriptions see page M36.

Nonferrous/Ferrous Sensors

Specialty