

Inductive Magnetic Sensors



Housing Style	Part Number	ID Number	Features	Magnetic Actuation Strength (Gauss)	Output
12 mm - eurofast® Connector 	BIM-M12E-AG4X-H1144	M1579910	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	2-Wire DC
	BIM-M12E-AN4X-H1141	M1579914	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	3-Wire DC NPN
	BIM-EM12E-AP4X-H1141	M1579915	Up to 90 mm Range	5 Typical	3-Wire DC PNP
	BIM-M12E-AP4X-H1141	M1579913	Up to 90 mm Range	5 Typical	
	BIM-EM18M-AP4X-H1141	M1579933	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	
	BIM-M12E-Y1X-H1141	M1074003	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	2-Wire DC NAMUR
12 mm - Potted-In Cable 	BIM-M12E-AG4X	M4430200	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	2-Wire DC
	BIM-EM12E-AN4X	M1579922	Up to 90 mm Range	5 Typical	3-Wire DC NPN
	BIM-M12E-AN4X	M1579912	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	
	BIM-EM12E-AP4X	M1579918	Up to 90 mm Range	5 Typical	3-Wire DC PNP
	BIM-M12E-AP4X/S90	M1579911	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	
	BIM-EM12E-Y1X	M1070036	Up to 90 mm Range	5 Typical	2-Wire DC NAMUR
	BIM-M12E-Y1X	M1074002	Up to 90 mm Range w/DMR31-15-5 magnet	5 Typical	

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



Voltage	Switching Freq. (Hz)	Operating Current (mA) VAC/VDC	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cord/Cable Length /Jacket	Wiring Diagram #	Wiring Diagrams
10-65 VDC	300	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	RK 4.23T-	8	<p>Diagram 1</p> <p>Diagram 2</p>
	1000	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	RK 4T-*	1	<p>Diagram 3</p>
10-65 VDC	1000	≤200	-25 to +70	IP 67	SS	POM	N/A	YE	RK 4T-*	2	<p>Diagram 4</p>
	1000	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	RK 4T-*	2	
	1000	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	RK 4T-*	2	
5-30 VDC	1000	Remote	-25 to +70	IP 67	CPB	POM	N/A	YE	RK 4.21T-*	3	<p>Diagram 5</p>
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	POM	N/A	YE	2M/PUR	4	<p>Diagram 6</p>
10-65 VDC	1000	≤200	-25 to +70	IP 67	SS	POM	N/A	YE	2M/PVC	5	<p>Diagram 7</p>
	1000	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	2M/PUR	5	
10-65 VDC	1000	≤200	-25 to +70	IP 67	SS	POM	N/A	YE	2M/PVC	6	<p>Diagram 8</p>
	1000	≤200	-25 to +70	IP 67	CPB	POM	N/A	YE	2M/PUR	6	
5-30 VDC	1000	Remote	-25 to +70	IP 67	SS	POM	N/A	YE	2M/PUR	7	<p>Diagram 9</p>
	1000	Remote	-25 to +70	IP 67	CPB	POM	N/A	YE	2M/PUR	7	

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Specialty

* Length in meters.

For material descriptions see page M36.