

Inductive Nut Sensors



Housing Style - Rectangular	Part Number	ID Number	Nut Diameter	Features	Output	
<p>Nut Sensor, 6-12 mm Diameter Nut</p> <p>S* = 9 mm M** = 13</p>	NIMFE-M12/4.6L88-UN6X-H1141	M1600610	6-12 mm		3-Wire DC NPN	
	NIMFE-EMT12/4.6L88-UN6X-H1141	M1600618	6-12 mm	Teflon Coated		
	NIMFE-EM12/4.6L88-UN6X-H1141/S1182	M1600617	6-12 mm	Titanium Nitride		
	<p>Nut Sensor, 10-20 mm Diameter Nut</p> <p>S* = 11 mm M** = 14 mm</p>	NIMFE-M12/6.2L101-UN6X-H1141	M1600611	10-20 mm		3-Wire DC NPN
		NIMFE-EMT12/6.2L101-UN6X-H1141	M1600615	10-20 mm	Teflon Coated	
		NIMFE-EM12/6.2L101-UN6X-H1141/S1182	M1600614	10-20 mm	Titanium Nitride	
NIMFE-M12/6.2L101-UP6X-H1141		M1600609	10-20 mm		3-Wire DC PNP	
NIMFE-EMT12/6.2L101-UP6X-H1141	M1600613	10-20 mm	Teflon Coated			
	NIMFE-EM12/6.2L101-UP6X-H1141/S1182	M1600612	10-20 mm	Titanium Nitride		

Note: * Sensitive area: Within this area the sensor signal changes when assembly parts are changed.
 ** Maximum area: The maximum signal intensity is reached if the sensitive area is completely covered.
 Optional teach adapter available, part number: VB2-SP1.



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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams	
10-30 VDC	N/A	≤200	-25 to +70	IP 67	CPB	GN	YE	RK 4.4T-*	1	<p>Diagram 1</p>	
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	1		
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	1		
10-30 VDC	N/A	≤200	-25 to +70	IP 67	CPB	GN	YE	RK 4.4T-*	2		<p>Diagram 2</p>
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	2		
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	2		
10-30 VDC	N/A	≤200	-25 to +70	IP 67	CPB	GN	YE	RK 4.4T-*	1	<p>Diagram 2</p>	
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	1		
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	1		
10-30 VDC	N/A	≤200	-25 to +70	IP 67	CPB	GN	YE	RK 4.4T-*	2		<p>Diagram 2</p>
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	2		
	N/A	≤200	-25 to +70	IP 67	SS	GN	YE	RK 4.4T-*	2		

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Specialty

For material descriptions see page M36.