

Instrument Data Sheet

General	1	Product	MAG-NEAT-O™ with 2-Wire Inductive Sensor		
	2	Model Number	MCM-2S		
	3	Manufacturer	Conveyor Components Company		
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Environment	5	Ambient Temperature	-25 to 70 °C [-13 to 158 °F]		
	6	Material: enclosure	Polymer		
	7	Material: coupling	Stainless steel		
	8	Material: safety strap	PVC coated		
	9	Sensor Enclosure Rating	IP 67 (dust tight, watertight)		
	10	Mounting	Magnetic attachment		
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Electrical	12	Sensor Type	2-wire, 12mm [½"] non-contact inductive probe		
	13	Output Type	PNP/NPN	NPN *(see notes)	
	14	Operating Voltage	10-55 VDC	10-30 VDC *(see notes)	
	15	Current Rating	400 mA	<100 mA *(see notes)	
	16	Wire Color	White/Black	Brown/Blue*(see notes)	
	17	Indicating Lamp	LED on sensor body		
	18	Controller	Compatible with RMS Series controllers, or other user supplied controllers (PLC, DCS, direct output, etc.)		
	19	Pulse Rate Scaling Factor	6 pulses per rotation		
	20		1 Hz = 10 RPM		
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Mechanical	29	Max Speed	2000 RPM		
	30	Attachment Force	100+ lb [45+ kg]		
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Options	34				
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Accessories	36				
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Certifications	38				
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Manufacturer	40		Conveyor Components Company Division of Material Control, Inc. 130 Seltzer Road, PO Box 167 Croswell, MI 48422 USA (810) 679-4211 info@conveyorcomponents.com www.conveyorcomponents.com		
Notes: *An alternate sensor may be supplied when purchased with an RMS controller					
					
For RMS-1G/RMS-2G/RMS-3G controllers, see datasheets: DATA-0164/DATA-0170/DATA-0171.					