

Instrument Data Sheet

General	1	Product	Non-Contact Motion Control
	2	Model Number	RMS-1G
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	-50 to 150 °F [-45 to 65°C]
	6	Enclosure Material	Polycarbonate
	7	Enclosure Rating	NEMA Type 4, 4X
	8	Mounting	4 holes Ø 0.18" [5 mm]
	9		
Switch	10	Switch Type	DPDT relay
	11	Contact Type	Dry contact
	12	Contact Rating	5A @ 120V or 240V AC; 5A @ 30V DC; ¹ / ₁₀ hp @ 120V or 240V AC
	13	Electrical Action	Non-latching
	14	Startup Delay	Up to 45 Seconds
	15	Electrical input rating	120V AC
	16	Indicating Lamp	None
	17	Speed Range	2 to 120, 20 to 1200, or 200 to 12000 pulses per minute (Field Selectable)
Sensor	18		
	19	Type	Inductive Sensor
	20	Cable	2-Wire DC
	21	Cable Length	2 m [6.5 ft]
	22	Max Voltage	30V DC
Sensor Options	23	Max Current	100mA
	24	RMS-8S	Ø 8 mm x 50 mm with M8 threading
	25		2 kHz max Pulse Rate; 1.5 mm [0.06 in] sensing range
	26	RMS-12S	Ø 12 mm x 71 mm with M12 threading
	27		1.5 kHz max Pulse Rate; 2 mm [0.08 in] sensing range
	28	RMS-18S	Ø 18 mm x 80 mm with M18 threading
	29		1.0 kHz max Pulse Rate; 5 mm [0.20 in] sensing range
	30	RMS-30S	Ø 30 mm x 81 mm with M30 threading
31	.06 kHz max Pulse Rate; 10 mm [0.30 in] sensing range		
32			
Accessories	33	Target Disks	20 segment disk for 8 mm Probe (RMS-8T)
	34		10 segment disk for 12 mm Probe(RMS-12T)
	35		6 segment disk for 18 mm Probe (RMS-18T)
	36		4 segment disk for 8 mm Probe (RMS-30T)
	37	Extra Cable	2 wire cable (RMS-C) [Beldem B442 or equivalent]
	38		
Certifications	39		
Manufacturer	40		Conveyor Components Company Division of Material Control, Inc. 130 Seltzer Road, PO Box 167 Croswell, MI 48422 USA Phone: (810) 679-4211 Fax: (810) 679-4510 info@conveyorcomponents.com www.conveyorcomponents.com
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