




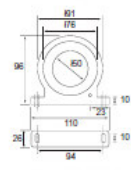
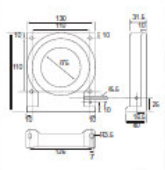
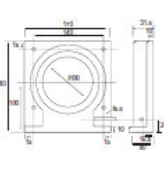
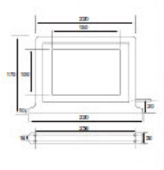
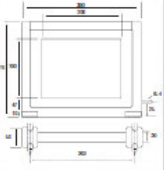



## MDA Series Ring Sensors

	MDS-D050	MDS-D075	MDS-D100	MSR-150	MSR-200
Image					
Detection Area	ø50mm	ø75mm	ø100	ø150	ø200
Detectin Object	Moving Ferrous Metal			Magnetic Metal	
Min. Target (steel Ball)	ø2.0mm	ø2.5mm	ø3.0mm	ø5.0mm	ø7.0mm
Operating Temperature	-25°C...+70°C (-13°F...+158°F) without icing				
Operating Humidity	35...90%RH				
Isolate Resistance	Except for exposed head and isolate wire with connection			50 MΩ	
Voltage Resistance	Except for exposed head and isolate wire with connection			AC1,000V/1min.	
Vibration Resistance	10 to 55Hz, 1.5mm double amplitude in X, Y and Z directions, 2 hours respectively				
Shock Immunity	50G in X, Y and Z directions, 3 times respectively				
Cable	3m coaxial cable				
Weight	430g	800g	1200g	1300g	2100g
Protection Category	IP67				
Material	Housing	Aluminum		ABS	Aluminum
	Face	ABS			
Diagram					
<b>Control Unit</b>					
Image	Power Supply	Output			Part #
	AC 110 / 220V 50 / 60Hz	Relay Contacts: SPDT AC250V 2A / DC 30V 3A Solid State: Open-Collect or 100mA Max.			MDA-001

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