

RESTRAINT SYSTEM ALERT MODULE

Model Series 2079



- Accepts inputs from a standard seat switch or a diagnostic seat switch, a seat belt switch, and/or a ROPS position switch
- Outputs to an indicator light and a buzzer
- Alarm schemes are customizable upon request
- CAN-equipped version available
- Sealed to IP67 per IEC 60529
- RoHS, REACH, and Conflict Mineral compliant

OPERATION

Provides outputs for audible and visual warnings when the restraint systems, like seat belts and rollover protective structures (ROPS), aren't being used as intended. IP67 sealed for use in tough outdoor environments. Intended for outdoor power, construction, agriculture, material handling, and other equipment that utilizes ROPS. Outputs to an indicator light, a buzzer, and/or the CAN bus. Inputs/outputs and alarm responses are customizable upon customer request.

ELECTRICAL SPECIFICATIONS

Operating Voltage, VDC		9-16
Buzzer Maximum Current, mA		100
Indicator Light Output Specifications	Option 1	18 mA constant current source
	Option 2	12 VDC, 100 mA max output
Design Life, hours		2000

ENVIRONMENTAL RATINGS

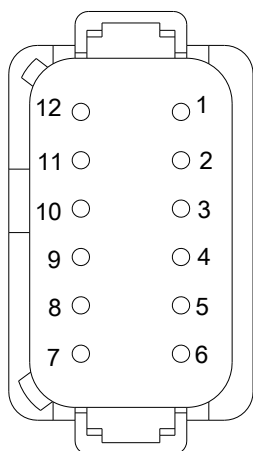
Ingress Protection	IEC 60529 IP67 (with mating plug and wires installed)
Operating Temperature Range	-20 to +70 °C
Storage Temperature Range	-20 to +70 °C
Chemical Resistance	Engine oil, battery acid, gasoline, diesel fuel, antifreeze, pressure washer detergent, hydraulic fluid, glass cleaner with ammonia, engine cleaner/degreaser, and insect repellent (10% DEET)
Environmental Testing	ISO 15003:2019 compliant

DELTA SYSTEMS

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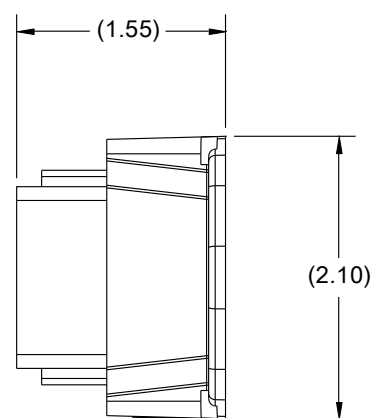
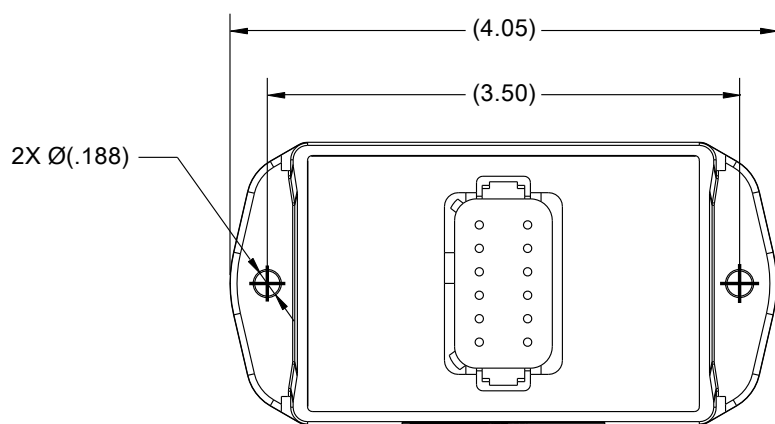
CONNECTOR PIN-OUT



PIN #	FUNCTION	PIN #	FUNCTION
1	+12 VDC	7	CAN HI
2	INDICATOR LIGHT	8	CAN LO
3	SEAT SW, DIAGNOSTIC	9	SEAT SW, OPEN/CLOSE
4	GROUND	10	ROPS SW
5	GROUND	11	SEATBELT SW
6	BUZZER	12	GROUND

DIMENSIONS

Note: For specific part information, please refer to the application print



Note: Life expectancy and performance are largely dependent on application. It is the user's responsibility to determine the suitability of this product for the application. This information is intended as a guide for proper application.

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