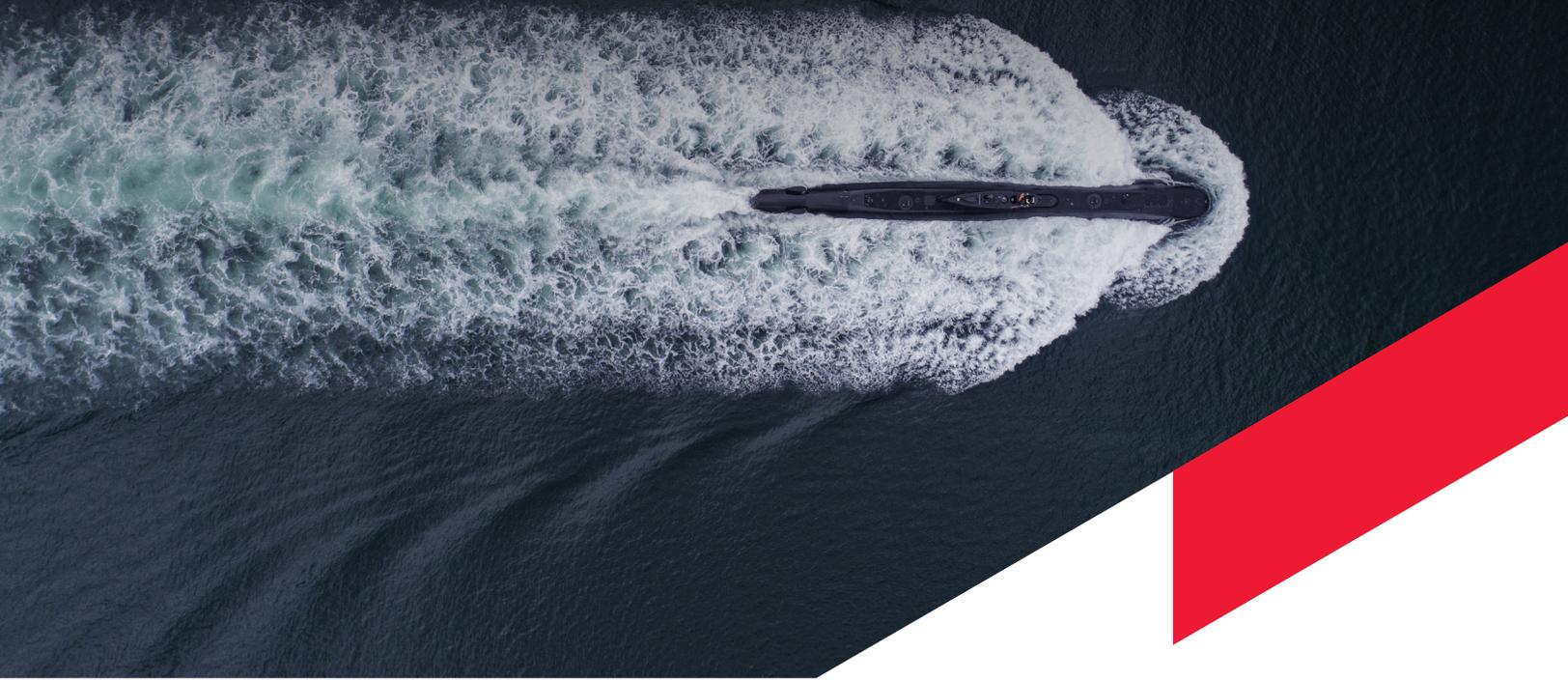


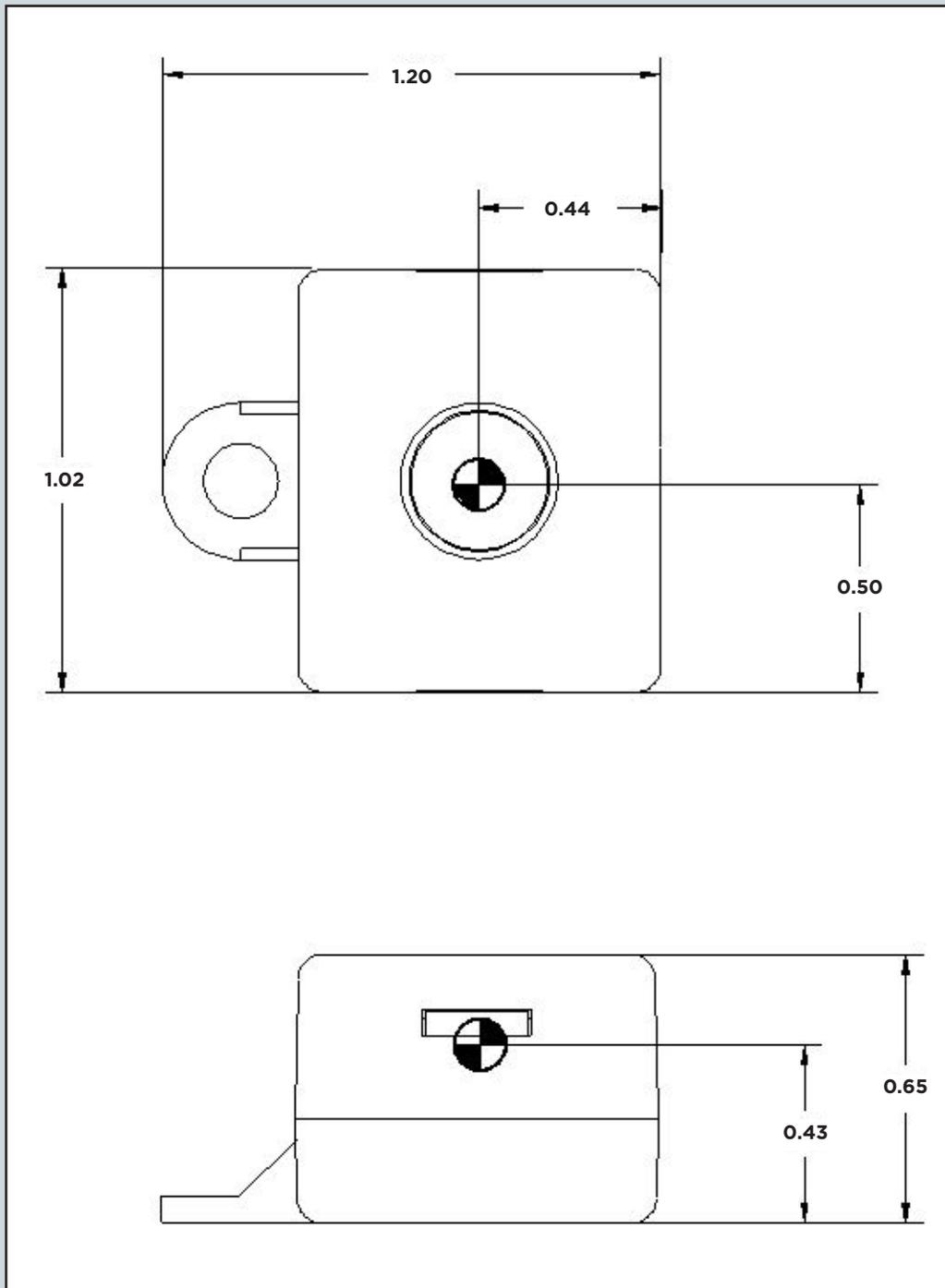
WIDEBAND PHOTODETECTOR SENSOR



The Wideband Photodetector Sensor is a component of the Advanced Data Acquisition and Control System (ADACS). ADACS is designed to prevent electrical explosions caused by “arcing” in shipboard medium- and low-voltage switchboards. The sensor is used to detect the light spectrum given off due to an electrical arc flash. The sensor is placed inside the switchgear and has a 90° field-of-view.

PARAMETER	DESCRIPTION
Manufacture	DRS Training & Control Systems, LLC
Power Rating	5 VDC, <1 W
Size (inches)	2.50W x 2.50H x 1.25D
Weight	0.4 pounds
Environment	
Shock	MIL-S-901 Grade A, Type A, Class I
Vibration	MIL-STD-167-1A 4 to 33 Hz
Humidity	0 to 95
Temperature Operation	0°C to +100°C
Temperature Storage	-30°C to +100°C
EMI	MIL-STD-461F; MIL-STD-461C RS02 (part 1 and part 2); DOD-STD-1399 section 070

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