



ENGINE MONITOR, INC.
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PON

W&O

PROVEN DURABILITY
AND RELIABILITY FOR
MARINE ENVIRONMENTS



DIGITAL METERS



RUDDER ANGLE INDICATOR
SHAFT TACHOMETER
ENGINE TACHOMETER

DIGITAL METERS

SHAFT TACHOMETER



PART NUMBER.
9999-50920-SAXX



PART NUMBER.
9999-50920-EAXX



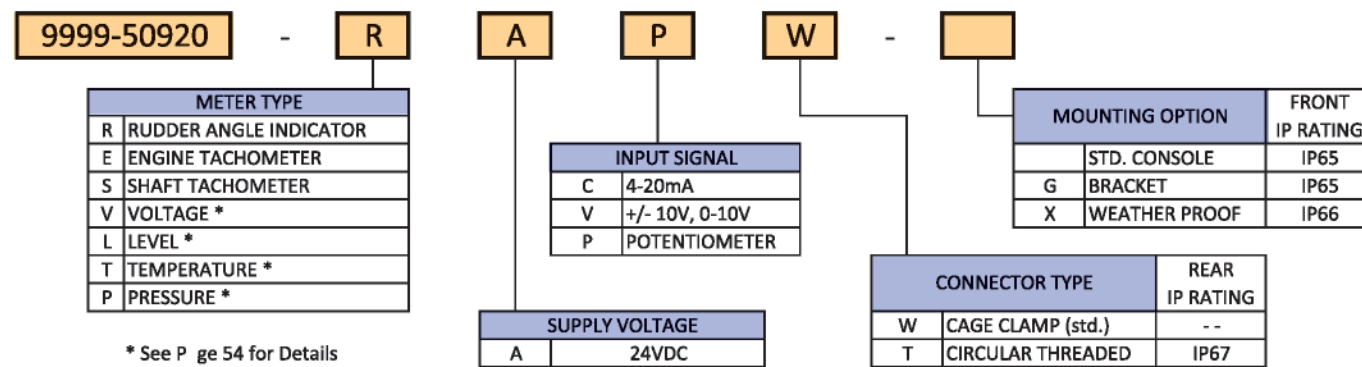
- User configurable Forward/Aft facing meter faces available for Shaft Tachometer and Rudder Angle Indicators.
- Rudder Angle Indicators provide user selectable Up or Down pointing needle.
- Front panel calibration through easy to follow menus.
- On-Console Bracket and In-Console mounting options are available
- Front panel dimming controls allow for easy adjustment of the display backlight to accommodate any ambient lighting condition.
- Night mode displays are provided for additional low level dimming for pilothouse applications.
- Wide selection of user configurable input ranges available for each type of meter application.

RUDDER ANGLE INDICATOR

PART NUMBER.
9999-50920-RAXX



ORDERING INFORMATION BELOW

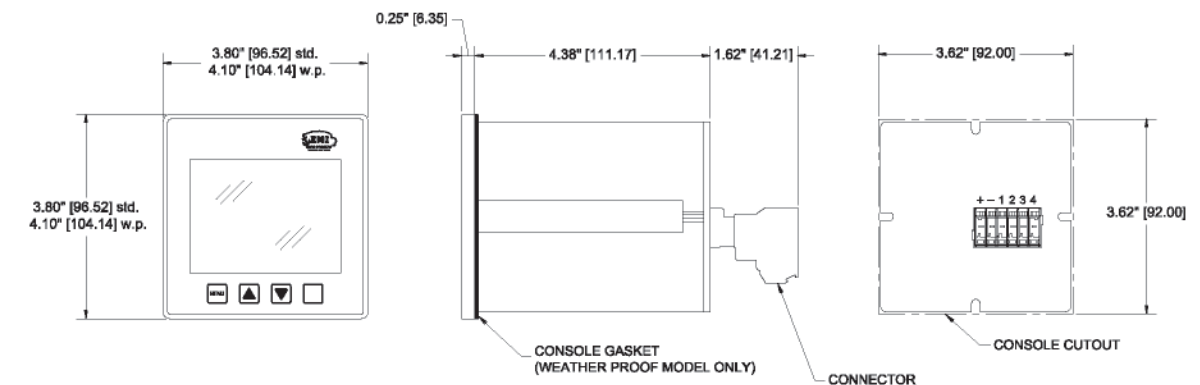


► EMI digital meters are available for Engine Tachometer, Shaft Tachometer and Rudder Angle Indication. EMI Digital meters feature a bright 3.5 inch TFT color display. Meter readings are displayed in both large easy to read digital and analog formats for viewing up to 15 feet away. Tachometers can be configured for use with input voltage (+/-10V or 0-10V) signals or current signals (4-20ma). In addition to voltage and current signals, Rudder Angle Indicators are configurable for direct connection to rudder feedback potentiometer signals.

SPECIFICATIONS

Power Input Requirements		Display		Environmental	
DC Model:	18-30VDC @ 4W Typ.	Size:	70mm x 52mm active area	Operating Temp:	0 to 50° C
Signal Input		Pixels:	320 x 240	Storage Temp:	-10 to 60° C
Input Impedance:	>100K	Contrast Ratio:	700:1	Protection Level Options	
A/D Converter:	12-BIT	Brightness:	400 cd/m2	Front	IP65 - Standard Console
Measurement Accuracy	<±0.1° TYP.	Backlight Type:	LED	IP66 - Waterproof	Rear
Input Isolation:	500V min.	Backlight Life:	50,000 Hours Typical	N/A - Cage Clamp Conn.	
				IP67 - Circular Conn.	
METER TYPE	PART NUMBER	CONFIGURABLE RANGES	INPUT SIGNALS	CONFIGURABLE SCREENS	
ENGINE TACHOMETER	9999-50920-EAXX	1200,1800,2100 RPM	0-10VDC / 4-20MA		
SHAFT TACHOMETER	9999-50920-SAXX	250,350,450,650 RPM	+/-10VDC / 4-20MA	X	
RUDDER ANGLE INDICATOR	9999-50920-RAXX	35,45,65 DEGREES	+/-10VDC, 0-10VDC, 4-20MA, POT (1K TO 10K OHM)	X	X

IN-CONSOLE MOUNTING (STANDARD & WATERPROOF) SHOWN WITH CAGECLAMP CONNECTOR



ON-CONSOLE BRACKET MOUNTING SHOWN WITH THREADED CIRCULAR CONNECTORS

