

TACHOMETERS AND RATE METERS:

Sensor Solutions offers a variety of options for displaying a speed derived from any of our Hall Effect switches, Gear Tooth Sensors, and Variable Reluctance sensors. The most common application is displaying rotational speed in RPM. However the meters are capable of being scaled to any time based rate display. The links below will take you direct to the product page for each option. When ordering a tachometer, Sensor Solutions will provide a 1 page program setup form. Once completed, this information is maintained in our system for future orders. Sensors are available with numerous cable length options for connecting the sensor direct to the meter.



Panel Mount Tachometers: These meters have a NEMA 4X sealed face and include hardware for mounting into a new or existing electrical panel. A terminal block is located on the back for sensor and power connection. Sensors are available with numerous cable length options for connecting the sensor direct to the meter.

[FM-TACH-ACTBC](#) - AC powered, provides DC power for the sensor

[FM-TACH-DCTBC](#) - DC powered

Add a single relay output for notification when reaching a minimum, maximum, or ideal rate.

[FM-TACH-ACRTBC](#) - AC powered, provides DC power for the sensor, Single Setpoint Form C relay

[FM-TACH-DCRTBC](#) - DC powered, Single Setpoint Form C relay

Add a dual relay output for notification when output is in or out of a specified range.

[FM-TACH-AC2SPRTBC](#) - AC powered, Dual Set Points with Non-isolated switched DC, N Channel open drain MOFFSET outputs

[FM-TACH-DC2SPRTBC](#) - DC powered, Dual Set Points with Non-isolated switched DC, N Channel open drain MOFFSET outputs

Add an Analog to frequency converter to provide a current or voltage scaled output.

[FM-FACTACH-ACTBC](#) – AC powered, provides DC power for the sensor, programmed 0-20mA, 4-20mA, or 0-10V scaled analog outputs

[FM-FACTACH-ACTBC_2R](#) – AC powered, provides DC power for the sensor, programmed 0-20mA, 4-20mA, or 0-10V scaled analog outputs, Two single Setpoint Form C relays

Sealed Tachometers: These meters are the same as above, except they are provided in a wall mount or hand-held enclosure with a sensor mating connector and other connectors as required. Other connector and enclosure configurations are available. [Contact us](#) if you have requirements not shown below. Sensors are available with numerous cable length options for connecting the sensor direct to the meter.

[MWM5-TACH-ACCB1F](#) – Wall Mount Enclosure, AC powered, Female M12 sensor connector

[MWM5-TACH-DCCB1F](#) – Wall Mount Enclosure, DC powered, Female M12 sensor connector



[MSH7-TACH-9VCM2F](#) – Hand Held Tachometer, 9V DC powered, Female MS 3 pin size 10 connector



In addition to the above units, any of the other Panel Mount options listed in the previous section can be provided in a weatherproof enclosure with mating connectors or integrated pigtails. Contact our [Sales](#) or [Engineering](#) Department to discuss your specific requirements.