

MITCHELL MODULAR INSTRUMENTS

MITCHELL MINIATURE MODULAR GAUGES

This line of miniature engine gauges from Mitchell is ideal for a wide variety of general aviation applications. They measure nearly 1.5" square and are stackable. The modular design allows them to be plugged from the front of the panel. The units are internally lighted. Complete standard panels are also available as shown in the steps below. All modular gauges after April 03, 2017 feature a new connector configuration. New style gauges will fit into existing frames but require changing the mating connector plate. Previous style connectors are now obsolete and no longer available.



Step 1 - Select your gauge(s) from the list below:

Choose 14 volt or 24 volt

Note range marking for gauge(s) (free if information given at time of instrument cluster order)

Step 2 - Select your sender(s) for gauge(s) from the list below:

Any sender with a * can also use a Rotax Engine Sender

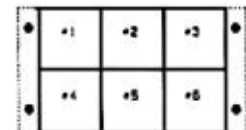
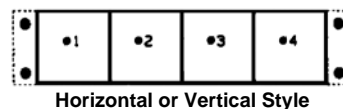
Gauge Part Number		Gauge Description	Price
Spruce #	Mitchell #		
Pressure Gauges			
10-03621	D1-211-6060	Fuel Pressure 80 PSI	---
10-10150	D1-211-6061	Fuel Pressure 15 PSI (FAA/PMA)	---
10-10152	D1-211-6064	Fuel Pressure 30 PSI	---
10-04094	D1-211-6065	0 - 2 bar Fuel	---
10-04139	D1-211-6097	Oil Pressure 150 PSI 10Bar	---
10-02725	D1-211-6092	Oil Pressure 150 PSI (FAA/PMA)	---
10-10166	D1-211-6090	Oil Pressure 100 PSI (FAA/PMA)	---
10-02726	D1-211-6093	Oil Pressure 80 PSI	---
10-10168	D1-211-6091	0 - 9 bar Oil	---
10-04095	D1-211-6094	0 - 7 bar Oil	---
10-04096	D1-211-6095	0 - 5 bar Oil	---
10-02723	D1-211-6089	Liquid Pressure 80 PSI	---
Temperature Gauges			
10-02279	D1-211-6068	Oil Temp 100F-250F (FAA/PMA)	---
10-10154	D1-211-6066	Oil Temp 120F-300F (FAA/PMA)	---
10-10155	D1-211-6067	Oil Temp 40C-120C	---
10-02728	D1-211-6069	Oil Temp 50C-150C	---
10-10156	D1-211-6088	Liquid Temp 100F-250F	---
10-02746	D1-211-6101	EGT 0F-1600F	---
10-10170	D1-211-6102	CHT 100F-600F	---
10-02745	D1-211-6109	CHT Rotax 120F-300F	---
Voltmeter Gauges			
10-10164	D1-211-6086	Voltmeter 8-16 volts (FAA/PMA)	---
10-10165	D1-211-6087	Voltmeter 12-31 volts	---
Ammeters Gauges			
10-10174	D1-211-6104	ammeter 45-0-45 amp	---
10-10176	D1-211-6106	ammeter 75-0-75 amp (FAA/PMA)	---
Fuel Quantity Gauges			
10-02730	D1-211-6071	right Fuel 240-30 ohm	---
10-03610	D1-211-6072	left Fuel 240-33 ohm	---
10-03613	D1-211-6073	Fuel gauge 240-33 ohm	---
10-10158	D1-211-6074	right Fuel 10-180 ohm (FAA/PMA)	---
10-10160	D1-211-6075	left Fuel 10-180 ohm (FAA/PMA)	---
10-10162	D1-211-6076	Fuel gauge 10-180 ohm (FAA/PMA)	---
10-03614	D1-211-6077	right Fuel 0-30 ohm	---
10-03615	D1-211-6078	left Fuel 0-30 ohm	---
10-03616	D1-211-6079	Fuel gauge 0-30 ohm	---
10-03617	D1-211-6080	right Fuel 0-92 ohm	---
10-03618	D1-211-6081	left Fuel 0-92 ohm	---
10-03620	D1-211-6082	Fuel gauge 0-92 ohm	---
Blank			
10-02740	D1-211-6010	blank face gauge (FAA/PMA)	---

Sender Part Number		Sender Description	Price
Spruce #	Mitchell #		
Pressure Senders			
10-25035	PS-211-9002	Pressure Sender 80 PSI	---
10-25065	PS-211-9000	Pressure Sender 15/30 PSI (FAA/PMA)	---
10-25065	PS-211-9000	Pressure Sender 15/30 PSI	---
10-25065	PS-211-9000	Pressure Sender 15/30 PSI	---
Rotax engine Sender			
10-25055	PS-211-9040	Pressure Sender 150 PSI (FAA/PMA)	---
10-25045	PS-211-9039	Pressure Sender 100 PSI (FAA/PMA)	---
10-25035	PS-211-9002	Pressure Sender 80 PSI	---
10-25055	PS-211-9040	Pressure Sender 150 PSI	---
10-25045	PS-211-9039	Pressure Sender 100 PSI	---
10-25035	PS-211-9002	Pressure Sender 80 PSI	---
10-25035	PS-211-9002	Pressure Sender 80 PSI	---
Temperature Senders			
10-25005	PS-211-8044	Temp Sender 1/8 250F (FAA/PMA)	---
10-25175	PS-211-8045	Temp Sender 5/8 250F (FAA/PMA)	---
10-25015*	PS-211-8090	Temp Sender 1/8 300F (FAA/PMA)*	---
10-25180*	PS-211-8112	Temp Sender 5/8 300F (FAA/PMA)*	---
10-25005	PS-211-8044	Temp Sender 1/8 250F	---
10-25175	PS-211-8045	Temp Sender 5/8 250F	---
10-25015*	PS-211-8090	Temp Sender 1/8 300F*	---
10-25180*	PS-211-8112	Temp Sender 5/8 300F*	---
10-25005	PS-211-8044	Temp Sender 1/8 250F	---
10-25175	PS-211-8045	Temp Sender 5/8 250F	---
10-02177	PS-211-8163	EGT Sender clamp - type K	---
10-25075	PS-211-8168	CHT Sender 18mm - type J	---
10-25076	PS-211-8156	CHT Sender probe	---
External Shunts			
10-10184	PS-211-9100	45 amp shunt	---
10-10185	PS-211-9101	75 amp shunt (FAA/PMA)	---
Sender Resistance (E- F)			
10-25135	PS-211-8038	Fuel Sender 10-180 ohm (FAA/PMA)	---
10-25135	PS-211-8038	Fuel Sender 10-180 ohm (FAA/PMA)	---
10-25135	PS-211-8038	Fuel Sender 10-180 ohm (FAA/PMA)	---

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Step 3 - Select your frame for your gauge(s) from the list below

Select what position your gauge(s) will go into. Positions are counted left to right (block style), top to bottom (vertical) starting at #1



Spruce #	Mitchell #	Gauge Capacity	Configuration	Price
10-02964	PM-211-9811	1 Gauge	1 Gauge	---
10-04084	PM-211-6826	2 Gauges	1 Wide 2 High	---
10-02739	PM-211-6808	2 Gauges	2 Wide 1 High	---
10-04083	PM-211-6824	3 Gauges	1 Wide 3 High	---
10-04079	PM-211-6809	3 Gauges	3 Wide 1 High	---
10-04020	PM-211-6825	4 Gauges	2 Wide 2 High	---
10-04082	PM-211-6823	4 Gauges	1 Wide 4 High	---
10-01710	PM-211-6805	4 Gauges	4 Wide 1 High	---
10-04080	PM-211-6810	5 Gauges	1 Wide 5 High	---
10-01711	PM-211-6806	5 Gauges	5 Wide 1 High	---
10-02738	PM-211-6807	6 Gauges	1 Wide 6 High	---

Spruce #	Mitchell #	Gauge Capacity	Configuration	Price
10-01712	PM-211-6804	6 Gauges	6 Wide 1 High	---
10-01708	PM-211-6803	6 Gauges	3 Wide 2 High	---
10-04097	PM-211-6802	6 Gauges	2 Wide 3 High	---
10-04081	PM-211-6822	7 Gauges	1 Wide 7 high	---
10-04091	PM-211-6833	7 Gauges	7 Wide 1 High	---
10-01709	PM-211-6801	8 Gauges	1 Wide 8 High	---
10-03915	PM-211-6800	8 Gauges	2 Wide 4 High	---
10-04085	PM-211-6827	9 Gauges	3 Wide 3 High	---
10-04087	PM-211-6829	10 Gauges	2 Wide 5 High	---
10-04086	PM-211-6828	10 Gauges	5 Wide 2 High	---
10-04092	PM-211-6835	15 Gauges	5 Wide 3 High	---