



# SMART INSTRUMENT® GEN-2™

*State-of-the-Art Warning & Switched Output Gauges*

## FEATURES

Four new 12V gauges: Fuel Level, Water Temperature, Oil Pressure & Voltmeter ■ Analog yet electronically-driven with 270° sweep ■ Accurate, reliable stepper motor drivers ■ Integral red LED warning light (low fuel, high temperature, low pressure or low volts) ■ Factory-calibrated switch points ■ Integral sealed Deutsch 6-pin connector ■ Easy installation ■ Fully sealed, anti-fog coated lens ■ Long-lasting LED amber backlighting ■ Lighted pointer ■ SAE black bezel, optional streamline type



## APPLICATIONS

Smart Instrument® GEN-2™ gauges provide a state-of-the-art solution for cost-effective monitoring of critical vehicle and engine operating parameters, with an active warning and switched output capability designed to protect the customer's vehicle. The system is 12V. It is ideal for all-weather use as well.

P/N	TYPE	RANGE	SET POINTS*	OUTPUT
119689 □ □	Fuel □ □	0-4/4 □ □	On: 1/8 descending; Off: 1/4 ascending □	Switch to ground; maximum current: 1.4 Amps
119690 □ □	Water Temperature □ □	100-280°F □ □	On: 215°F ascending; Off: 205°F descending □	Switch to ground; maximum current 1.4 Amps
119691 □ □	Oil Pressure □ □	0-100 psi □ □	On: 10 descending; Off: 15 psi ascending □	Switch to ground; maximum current 1.4 Amps
119692 □ □ □	Voltmeter □ □ □	8-18 VDC □ □ □	On: 10.5 descending; 15.5 ascending; Off: 11.0 ascending; 15.0 descending	Switch to ground; maximum current 1.4 Amps

\*Other set points, 24V gauges possible.



119689



119691

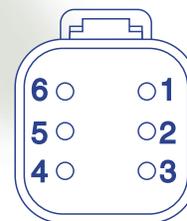


119690



119692

### ELECTRICAL CONNECTIONS



#### PIN CONNECTIONS

1. IGNITION
2. N/C
3. ANALOG IN
4. ILLUMINATION
5. OUTPUT
6. GROUND