

Upfitter Interface Module® UIM4

Programmable Relay Power Center



Overview

- Passive CAN data acquisition
- Configurable inputs and outputs, which can be programmed as momentary, latching, time-hold, time-delay or flashing
- Outputs are controlled based on the module's configuration created using the InterMotive Download manager program (GUI)
- Simple plug & play connections for CAN data

Features

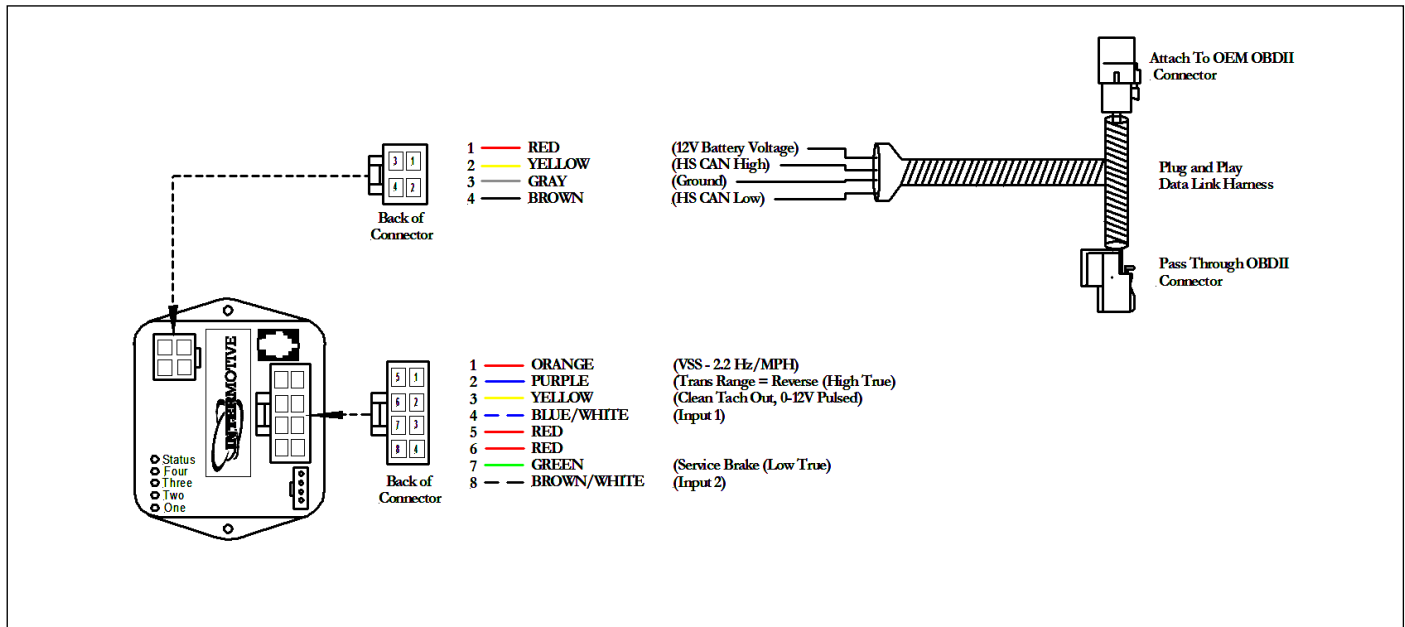
- FLEXIBLE DESIGN: Saves time, cost and additional components; graphical user interface (GUI) makes programming output functions as easy as clicking a button
- CONTROL: Multiple inputs can control a single output
- Works with Ford, GM and RAM CAN to provide real-time chassis data
- Warning LEDs offer easy troubleshooting
- Law enforcement application: Works with Ford Police Engine Idle feature to secure the gun lock release and trunk/hatch
- Includes Intermittent Fault Filter™ (IFF) technology to eliminate false readings

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Specifications

EXAMPLE SCHEMATIC



SPECIFICATIONS

| | |
|-------------------|--|
| Number of Inputs | Two active low inputs |
| Number of Outputs | Four outputs (two active high and two active high/low) |
| Current Draw | 150 mA |
| Quiescent Draw | < 2 mA (sleep current) |
| CAN Speed | High and medium speed |
| Temperature Range | -40°C to 80°C |
| Dimensions | 3" L x 2" W x 1" H |

AVAILABLE DATA INCLUDES: (partial list)

- **Transmission:** Range | Fluid Temperature
- **Lights:** Turn Signals
- **Brakes:** ABS Event | Park Brake | Service Brakes
- **Other:** Vehicle Speed | Seatbelt
- **Engine/Fuel:** Clean Tach Output | Check Engine Light (MIL)* | Coolant and Oil Temp.* | RPM | Engine Running | Ignition Switch Status | Fuel Level | Intake Air Temp. | Throttle Position | Vbat | VSS (2.2 Hz/mph)

*Check Engine Light output only works with Ford vehicles

† Oil Temperature only works with Ford vehicles