Engine RPM Controller with OBD Cable

Plug-and-play engine speed control through the vehicle's 16-pin diagnostic port.



OVERVIEW

This is the 27HMI v2 engine speed controller supplied with a long cable that ends in a 16-pin OBD-style diagnostic connector. It installs without splicing into the vehicle harness. You plug it in, mount the display, and the operator controls engine speed from the panel.

- 16-pin diagnostic-port connection
- 16 m (52 ft) cable
- No harness splicing
- IP67 front

SPECIFICATIONS

Function	Engine RPM +/- over CAN 2.0B J1939
Vehicle connection	16-pin OBD-style diagnostic connector
Cable length	16 m (52 ft)
Display	Monochrome LCD, 106 × 56 px
Power supply	12 V or 24 V nominal systems
Ingress protection	IP67 (front), IP64 (rear)
Operating temperature	-30 to +70 °C
Mounting	Flush / panel mount, 60 × 60 × 25.9 mm

CONNECTOR PINOUT (J1)

Pin	Function	Notes
1	Configurable input	Voltage / digital / resistive
2	Power	Battery +
3	Power	Ground
4	Configurable input	Voltage / digital / resistive
5	Configurable input	Voltage / digital / resistive
6	CAN	CAN High

Pin	Function	Notes
7	CAN	CAN Low
8	Configurable input	Voltage / digital / resistive

TYPICAL APPLICATIONS

Service vehicles | Mobile pumps | Trucks with PTO equipment

ORDERING

Part number	`ICDT-RPM-OBD`
Order online	https://icdigitech.com/products/obd2-engine-rpm-controller.html
Sales & support	info@icdigitech.com

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