

Technical Data Sheet



The CL-202 is a solid-state microprocessor based module and member of the HED® CANLink® multiplexed control family. Delivered in a Deutsch enclosure, this unit provides a high density I/O count in a compact and economical package.

Designed for use as a stand alone unit or as part of a distributed system, the CL-202 is also available in a clear enclosure with LED indicators for each input for simple troubleshooting in the field.

The HED® CL-202 can be programmed using HED®'s do-ityourself CANLink® Composer[™] programming tool or directly by HED® engineering, and is designed for use with the CANLink® Conductor[™] software tool for diagnostics and field troubleshooting.



16 Inputs including:

- (12) switch to battery inputs
- (2) inputs software configurable as switch to battery or switch to ground
- (1) input software configurable as switch to battery or switch to ground or frequency
- (1) input software configurable as switch to battery or switch to ground or resistive sensor (RTD)
- (4) harness codes*
- (1) J1939 CAN port

Specifications			
Enclosure:	Deutsch standard EEC-325x4 PCB enclosure with 24-pin receptacle.		
Mating Connectors:	DTM06-12SA		
Deutsch	DTM06-12SB		
	WM-12S (wedge) – Two needed (one per connector)		
	0462-201-20141 20AWG sockets		
	0413-204-2005 Sealing Plugs – Unused pins are required to be sealed to maintain module sealing		
Operating Voltage Range:	8-18 VDC		
Operating Temperature:	-40°C to 70°C		
Storage Temperature:	-40°C to 85°C		
IP Rating:	IP 67		
PC Boards:	The printed circuit boards are designed for high EMI/RFI protection.		
	The boards are conformal coated with a silicone coating for further water/moisture protection.		
	All inputs and outputs are protected against shorts to Battery(+) or Battery(-).		
	100% of the boards are functionally tested before shipment.		
	* Harness codes are switch to ground inputs used to identify I/O module location and function to the master controller		



Toll-free technical support: (800) 854-3533



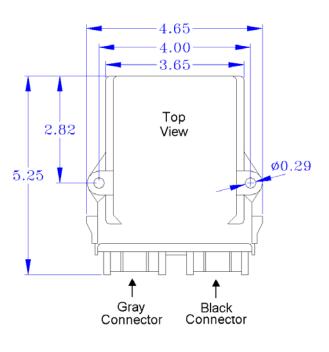
Specifications

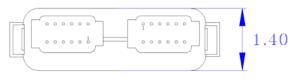
CL-202-103 Input Module

CL-202-103 Input Module Pinout

DTM13-12PA (Gray)		DTM13-12PB (Black)	
Pin	Function	Pin	Function
1	Input #1 STB	1	Input #9 STB
2	Input #2 STB	2	Input #10 STB
3	Input #3 STB	3	Input #11 STB
4	Input #4 STB	4	Input #12 STB
5	Input #5 STB	5	Input #13 STB/STG
6	Input #6 STB	6	Input #14 STB/STG
7	Input #7 STB	7	Input #15 STB/STG/RTD(0-1K ohm)
8	Input #8 STB	8	Input #16 STB/STG/FREQ
9	CAN-L	9	HID#1
10	CAN-H	10	HID#2
11	BAT(-) Module	11	HID#3
12	BAT(+) Module	12	HID#4

Note: Above pinout is for HED® part number CL-202-103. Additional part number data sheets available on HED® website.





Front View

Information contained on this sheet is accurate at the time of printing. HED, Inc. reserves the right to change specifications without notice.

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