Date: March 28, 2007



DVC61 Specification

CAN Bus/RS-232/Digital Inputs

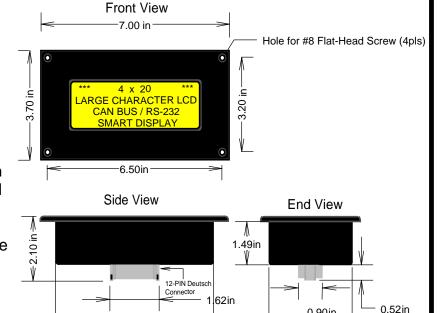
4 x 20 Smart Display

208 Gold Flat Court, Nevada City, CA 95959 Tel: (530) 265-3236 Fax: (530) 265-3275 www.highcountrytek.com

GENERAL DESCRIPTION

The DVC61 Smart Display is a large character LCD with backlight. The module interfaces to the DVC system via the CAN Bus or RS-232 serial interface. The module has a sealed metallic enclosure designed specifically for harsh industrial environments. All connections are made through a sealed 12-pin Deutsch connector. The unit has up to 10 digital inputs and operates from 8.5Vdc to 32Vdc. The LCD operates at extended temperature ranges and has a viewable transflective coating for no cab and open cab machines.

DIMENSIONS

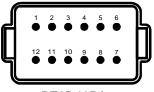


PROGRAMMABLE FEATURES

- Serial Port (CAN Bus or RS-232)
- Backlighting (0-100%)
- Contrast (0-100%)
- MAC ID (0-63)
- Baud Rate RS-232 (9600bps, 19.2kbps) CAN Bus (125kbps, 250kbps, 500kbps)
- Digital Inputs (sourcing, sinking, debounce time, toggle/no toggle)
- Up to 12 variables displayed at once

CONNECTIONS

5.88in



0.90in

DT15-12PA

DISPLAY LAYOUT

(actual size) character height														ht 9.	9.22mm x 4.84mm				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	i 💳	i		i	\vdash	H		H	H	\vdash	H	\vdash							iH
	 			_	_	\vdash		Н	Щ		Щ	\vdash		_					lH
						ш			ш	ш	ш	ш	_						

Pin Assignments

- 1 INPUT 1A/1B 7 RS-232 (TXD)
- 2 INPUT 2A/2B 8 RS-232 (RXD)
- 3 +PWR 4 GROUND
- 9 GROUND
- 10 INPUT 3A/3B
- 5 CANH
- 11 INPUT 4A/4B
- 6 CANL
- 12 INPUT 5A/5B

Mating Connector

Deutsch # DT06-12SA Plug Deutsch # W12S -- Lock Deutsch # 0462-201-16141 - Sockets