

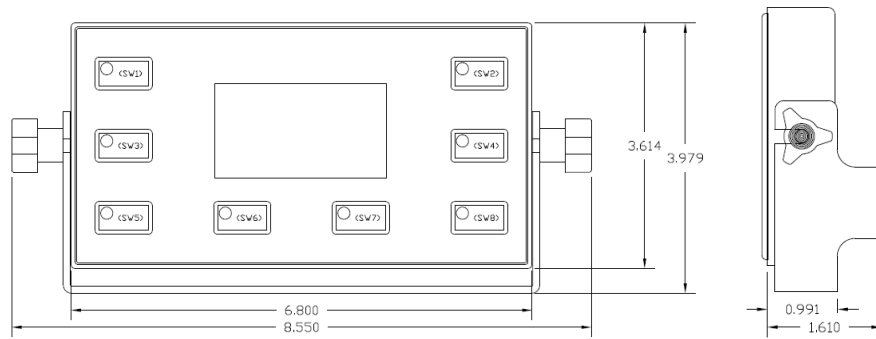
Data Sheet

DP-30038-1

8 CSWPNL

**8 Position CAN
mcdpx™
Switch and Display
Panel**


9-16.5 VDC



Technical Data

**1 main input power (or ground)
& 8 output power (or ground)**

Housing	Aluminum, black anodized bent metal housing
Bracket	Cold rolled steel, 12 GA, black powdercoated
Display	Monochrome transfective 128x64
Dimensions without bracket (LxWxH)	6.80 x .991 x 3.614 in
Dimensions-with mounting bracket (L x W x H)	8.55 x 1.610 x 3.979 in
Bracket Mounting Installation (hardware not included)	Screw connection
Mating connectors and Accessories Mating Connector: 6 pin Molex Mating Programming Connector: 2 pin Molex Terminals	39-01-2065 39-01-3028 39-00-0186
Weight	850 g
Operating Voltage	9-16.5 V DC
Current	1A Max.
Communication (2 pin Molex connector for programming and diagnostics)	CAN2B CAN BUS, 29 bit ID, bit rate 250 kbit/sec Requires external CAN BUS termination
Switches	8 mcdpx™, momentary, normally off
Switch LED lighting indication	White Indicator, indication color controlled by switch labels (sold separately)
Switch labels (sold separately)	Reference appendix B in specification for label text and order form
Switch Backlight	White
Diagnostic Indicators	Green Communication LED Blue Power LED Red Fault LED
Buzzer/Alarm	Audible chirp when switch is pressed
Operating Temperature	-40...80 °C
Storage Temperature	-40...85 °C
Protection	Reverse battery -12.5 V DC for 1 minute

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				Originator	12.14.18	DBa		
				Approved				
				 A Murrelektronik Company			Art. No.: DP-30038-1	Sheet 1 of 2
Rev.	Description	Date	Name					
a	release	12.21.18	DBa	DP-30038-1_db_e_a.docx				

Connector Pinout, Programming and Diagnostic Pinout

The mating connector plug cable (not included) shall be Molex 39-01-2065 with gold plated terminal Molex 39-00-0186.

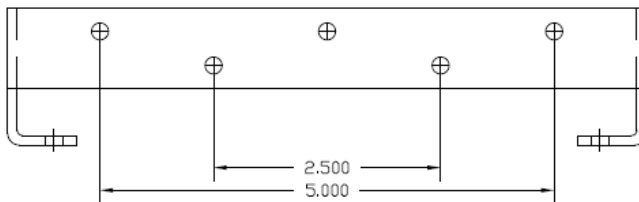
Connector	Function	Type of I/O
J1-1	CAN High	Communication
J1-2	Ground	Ground
J1-3	Ignition ON/OFF	+12 Volts @ 1 Amp Max
J1-4	CAN Low	Communication
J1-5	Shield	Communication
J1-6	NC	No Connect

The diagnostic mating connector plug cable (not included) shall be Molex 39-01-3028 with gold plated terminal Molex 39-00-0186.

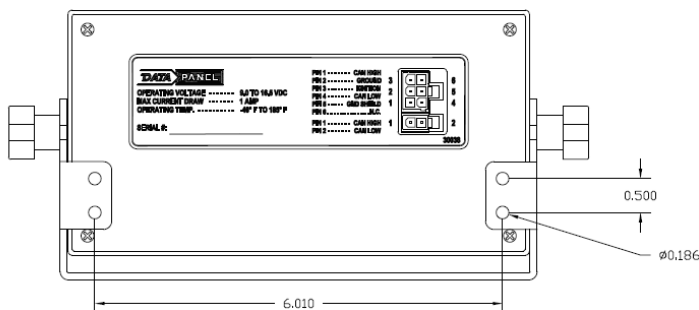
Connector	Function	Type of I/O	
J2-1	CAN High	Communication Termination	120 Ohm
J2-2	CAN Low	Communication Termination	120 Ohm

Bracket Mounting Options:

Option 1: DP-30038-1, BRACKET MOUNT




Option 2: DP-30038-2, FLUSH MOUNT



Notes:

1. All power to vehicle must be turned off prior installation of the device.
2. Reference specification for CAN message control and operation.
3. Switch Panel is protected from reverse battery -12.5 VDC for 1 minute.

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