HYDRAULIC CONTROLLER

MODEL DSC VC100 HYDRAULIC CONTROLLER

Dong-Suh Control Co.,Ltd.



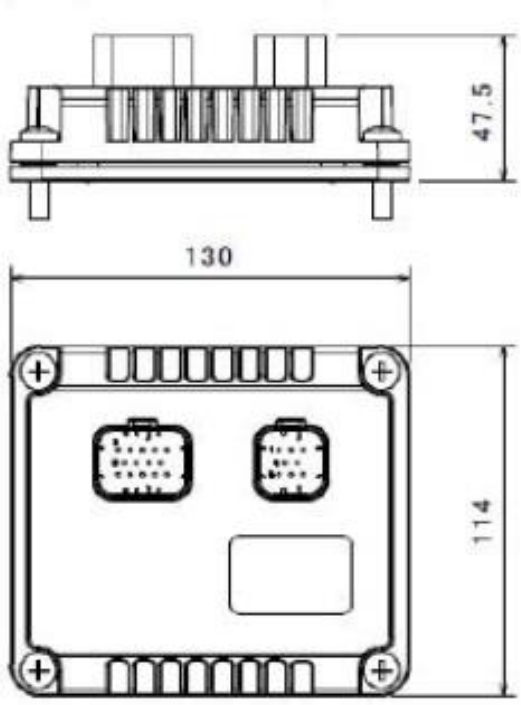
DESCRIPTION

The DSC VC 100 Hydraulic Controller is a general-purpose programmable controller designed to withstand the heavy duty environmental demands of the off-highway vehicles. This can be used as a stand-alone controller, or for integrating into a CAN network with other devices.

APPLICATION

The VC100 Hydraulic Controller can be used for reliable operations in the most demanding heavy duty hydraulic controllers like off-highway and material handling equipment etc.

DIMENSIONS



130mmX114mmX47.5m**m**

FEATURES

- Reliable operation in the most demanding heavy duty equipment applications.
- Fully-sealed, compact design.
- Inputs and outputs are protected against shorts.
- Outputs have diagnostic capability.
- No external cooling or heat dissipation required

SPECIFICATIONS

- Operating Temperature : -40 to 100°C
- Operating Chemical splash immunity
- Moisture resistance to IP67 specifications
- Fully resistant to EMI/EMS
- CAN Interface : J1939
- Vibration resistant : 6G, 10 to 200 Hz in 3-axis

www.dscontrol.co.kr

Note: As all contents in this catalogue is the typical information, it is subject to change without notice for product improvement and it could be different depending on the products.

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PIN ASSIGNMENTS:

A : 14 Pins Connector (AMP P/NO (Housing) : 776262-1)

NO	Description	Note	
1	PS_A	Pressure Sensor 1ch	Digital Input/Analog Input
2	PS_B	Pressure Sensor 2ch	Digital Input/Analog Input
3	AS_A	Angle Sensor 1ch	Digital Input/Analog Input
4	AS_B	Angle Sensor 2ch	Digital Input/Analog Input
5	GND	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	IGN	-	Supply(+9 to 32 VDC)
10	SOL 1A	Valve 1ch	SOL Valve Channel A1
11	SOL 1B		SOL Valve Channel A2
12	SOL 2A	Valve 2ch	SOL Valve Channel B1
13	SOL 2B		SOL Valve Channel B2
14	-	-	-

B : 8 Pins Connector (AMP P/NO (Housing) : 776276-1)

NO	Description	Note	
1	RS485 B	–	AUX RS485
2	RS485 A	–	AUX RS485
3	CAN HIGH	J1939	CAN HIGH
4	–	–	–
5	CAN LOW	J1939	CAN LOW
6	IGN (+24V)	–	Supply(+9 to 32 VDC)
7	GND	–	Power Ground
8	–	–	–