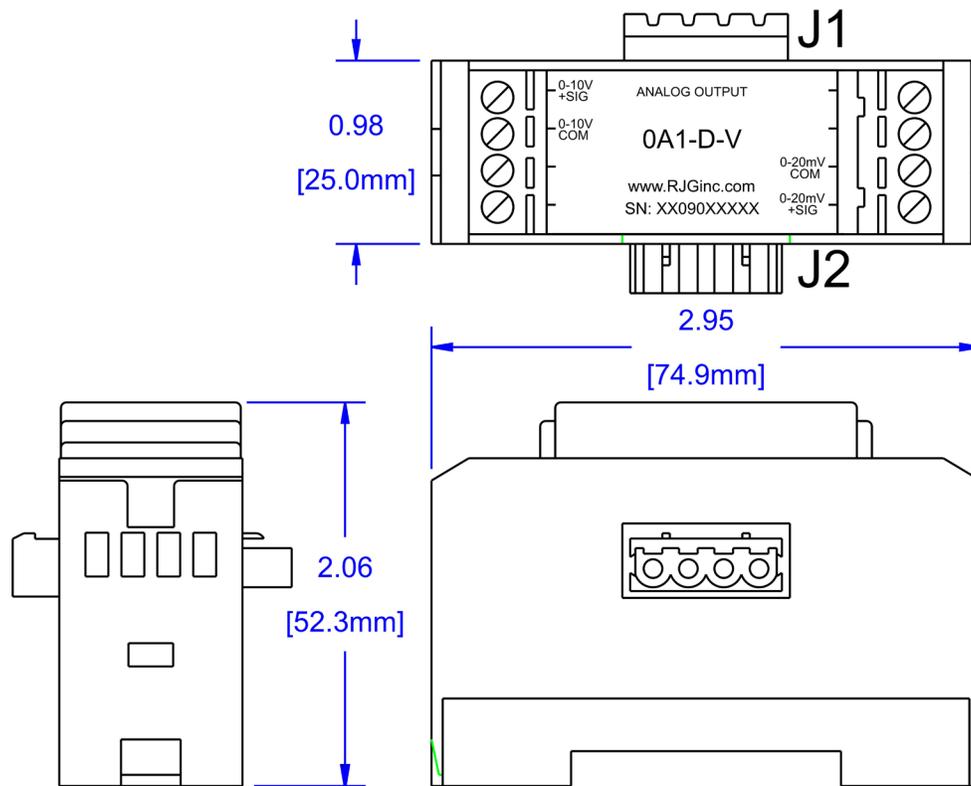


Lynx™ 0-10V-20mV Output Module OA1-D-V

The OA1-D-V is a DIN rail mountable 0-10V/0-20mV Output Module designed to be used with the eDART System™. This module can be used to output an analog signal representing injection pressure, screw position, or other molding parameters.

The Output Module is designed to be mounted on standard 35mm DIN rail often found in machine panels. Once mounted, the J1 and J2 connectors allow the unit to be interfaced with other Lynx DIN rail modules and the eDART System™. Each machine panel installation of one or more DIN rail modules requires either a ID7-D-SEQ or a DIN/LX-D to terminate the DIN rail module chain. Contact RJG for details.

The Output Module interfaces to the machine using four terminals (see the figure and table below).



All configuring for the Output Module is accomplished within the eDART™ software which will require user input for initial setup.

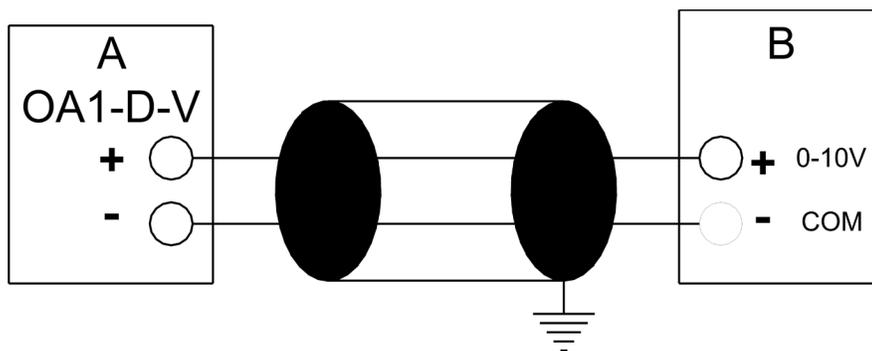
Connection	Function	Wire Color
Terminal 1	N/A	-
Terminal 2	N/A	-
Terminal 3	0-10V COM	Black
Terminal 4	0-10V +SIG	Red
Terminal 5	N/A	-
Terminal 6	N/A	-
Terminal 7	0-20mV COM	Black
Terminal 8	0-20mV +SIG	Red
J1, J2	Communications	-



Technical Specifications	
Power (supplied by eDART™)	12VDC
Current Draw	90mA
0-10V Output Resistance	175KOhms
0-20mV Output Resistance	348Ohms
Voltage Output Accuracy	.5%

OA1-D-V Installation Instructions

The Output Module can be interfaced with a machine input card as shown in the figure below. Tie the shield wire on the machine to the cable shield.



A	OA1-D-VI Analog Output Module
B	Machine Analog Input Card

Table 9: Figure Labels