

Description



The DAQ series are data acquisition systems used for aerospace, industrial and commercial applications. The Data Acquisition Unit designed by TAE LCO Inc. has 8 pressure sensor inputs, 8 PTC measurement inputs and 1 valve output. The Data Acquisition Unit, which can measure up to 18-Bit resolution, has a measurement frequency (SPS) that varies according to the resolution. The pressure measurement interfaces can be selected by means of the switches located on them. Temperature measurement interfaces can also be selected via the switches located on them. The Data Acquisition Unit, which supply voltage is 24VDC, can supply sensors via 8 channels. It has built-in EMI protection. It provides instant calibration opportunity with the indicator located on it. In addition, it can collect data to the PC via USB interface, enabling instant data transfer and log storage via GUI.

Other sensor interfaces and different environmental conditions can be offered in configurations specific to customer needs.

DAQ Series Specifications

Interface	
Analog Inputs	
Pressure	8 Channel
Temperature	8 Channel
Output	
DC Output (Valve)	1 Channel
Environmental Specifications	
Temperature (Operating)	-20 +85 °C
Temperature (Storage)	-20 +85 °C

Electrical Specifications	
Supply voltage	24VDC
Analog Input temperature	PT100 / PT1000 Selectable
Analog Input pressure	4-20mA / 2-10V / 0.5-4.5V Selectable
DC output	24VDC
Current consumption	< 70 mA
Reverse voltage protection	Yes
EMI protection	Yes
Mechanical Specifications	
Case	Plastic Case for Electrical Panel DIN Rail

Ordering Information

You can contact us for data collection system solutions specific to your needs.

For stock and price inquiry please contact us at: sales@taelco.com or www.taelco.com/en/contact-us/

Shipping, customs fees etc. are not included in the price quotation. TAE LCO is not responsible for customs clearance.

Revision History

Rev. A

First revision.

Notice and Disclaimer

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