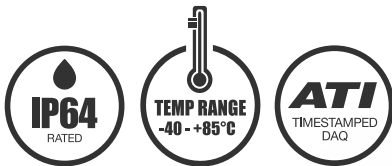


EDAQ16P

Pulse Inputs Module



The EDAQ16P Pulse Inputs Module measures frequency associated with digital signals, such as wheel speeds, RPM, solenoids, or switches. These modules communicate to VISION Calibration and Data Acquisition software through the VISION Network Hub using high-quality interconnects.

Users will be able to take advantage of recording data directly from existing sensors or additional sensors bypassing the ECU and feeding directly into VISION. This helps for those looking for additional points of reference or looking to reduce errors caused by latency between the original data source and the output to VISION.

Features

- Reduces latency creating more accurate readings
- Reads Hall Effect sensors and Variable Reluctance sensors
- 4) differential universal VRS/ pulse; (4) digital pulse inputs 5-12 VDC; (8) digital state inputs



IP64 sealed aluminum enclosure with sealed LEMO 1B-Series 5-pin connector



EDAQ16P Order Information

Product	
Part Numbers	Description
160-0003	EDAQ16P Pulse Counter Module

Accessories		
Part Numbers	Description	
Communication		
150-0013	3.66m/12ft	Cable; EDAQ to EDAQ; LEMO 1B 5-pin plug, 90°/90°
150-0014	10.1m/33ft	
150-0015	1.83m/6ft	
150-0016	0.15m/6in	
150-0017	1.83m/6ft	Cable; EDAQ to EDAQ; LEMO 1B 5-pin plug, 180°/180°
150-0018	3.66m/12ft	
150-0019	10.1m/33ft	
150-0021	3.66m/12ft	Cable; HUB to EDAQ; LEMO 1B 5-pin plug, 90°/180°
150-0022	10.1m/33ft	
150-0023	1.83m/6ft	
151-0008		CAN termination; EDAQ; LEMO 1B 5-pin plug
Hardware		
151-0017	4 pos	Plate; mounts EDAQs and BOBs on a single plate for mobility
151-0018	6 pos	
I/O Cables / Connectors		
151-0010		Strain Relief for EDAQ Deutsch connector
151-0011		I/O connector; EDAQ; Deutsch connector with pins
Breakout Boxes		
161-0001		Breakout box; EDAQ16P; 16 BNC connectors

EDAQ16P Specifications

Pulse Counter Specifications	
Inputs	(4) differential universal VRS/pulse; (4) digital pulse inputs 5-12 VDC; (8) digital state inputs
Input Signal Frequency	1 Hz to 50 KHz
Programmability	Input signal polarity, filter, pull-up, and signal level programmable
Universal Specifications	
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F
Weight (max)	40 g / 15.9 oz
Construction	IP64 sealed aluminum enclosure
Data/Power Connectors	Sealed LEMO 1B-Series 5-pin
Dimensions	63 x 45 x 140 mm / 2.48 x 1.77 x 5.51 in

