

Card for Optional Slot of EDX-200A-2H/4H/4T

Features

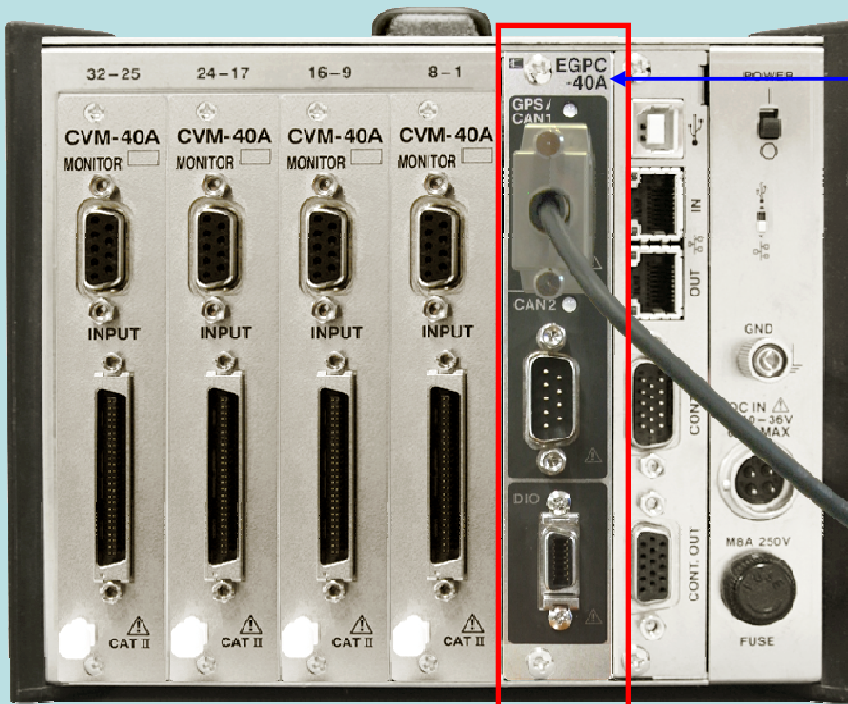
**Simultaneous acquisition of
GPS & CAN data**

GPS data acquisition without using a PC

**CAN data acquisition without sacrificing
the number of analog channels**

**CAN input of up to
512 channels**

With 8-bit digital I/O



EGPC-40A

GPS Sensor



Specifications

Applicable models	EDX-200A-4H & EDX-200A-2H(Using EGPC-40A, Installable into optional slot) EDX-200A-4T (Using EGPC-40AM72 , Installable into optional slot)
Time synchronization	Clock data from GPS satellite starts universal recorders in EDX-200A series at the preset time for synchronized interval measurement
Number of input channels	Up to 512 channels
Compatible CAN version	Compatible with Bosch2.0A/B (ISO-11898 & ISO-11519-2 complaint)
Baud rates	High speed CAN 1000/800/500/250/125/100/83.3/62.5/50/33.3/25/20/10 [kbps] Low speed CAN 125/100/83.3/62.5/50/33.3/25/20/10 [kbps]
CAN data output	Output at start: Output any given CAN data when ADC starts conversion Output at stop: Output any given CAN data when ADC stops conversion Manual output: Output any given CAN data at an arbitrary timing. Interval output: Output any given CAN data in a predetermined fixed cycle.
Digital I/O	
I/O points	Up to 8 points
I/O setting	Switch among digital input, digital output and remote-controlled input for each bit (Common applied to all) Remote-controlled input: Measurement can be started/stopped, BAL can be executed, etc.
Input type	Insulation type, TTL level input
Input voltage	5 VDC max.
Output type	Insulation type, open collector type output (with 10 k Ω internal pull-up resistors)
Output voltage	5 VDC
Output current	25 mA max. (per point)
Measuring GPS data	Latitude, longitude, height, motion direction, speed, time, positional state, Number of receiving satellites, etc. Data storage format: NMEA
Connector type	
GPS/CAN common port	Dsub connector (male), 9-pin
CAN dedicated port	Dsub connector (male), 9-pin
Digital I/O port	MDR connector (female), 14-pin
Operation temperature range	0 to 50 °C (EGPC-40A for EDX-200A-4H & EDX-200A-2H) -20 to 65 °C (EGPC-40AM72 for EDX-200A-4T)
Operation humidity range	20 to 90%RH (non-condensing)
Storage temperature range	-20 to 60 °C(EGPC-40A for EDX-200A-4H & EDX-200A-2H) -30 to 70 °C(EGPC-40AM72 for EDX-200A-4T)
Dimensions	22.0 [W] x 128.0 [H] x 221.5 [D]
Weight	Approx. 170 g
Supplied Accessories	GPS sensor with cable length 5m, 1PC Software for GPS data acquisition DCS-105A, 1PC Connector plug for digital I/o port, 1PC Shell case for digital I/o port, 1PC

Move into the future with reliable measurements



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JQA-0821
JQA-EM4824

Specifications are subject to change without notice for improvement.



Safety precautions

Be sure to observe the safety precautions given in the instruction manual, in order to ensure correct and safe operation.

Manufacturer's Representative