

GLX427



CAN, LIN and RS-232 Extender

The GLX427 is an extension to the data loggers GL3000/GL4000/GL5300 series and GL3400. Data can be sent from up to 12 CAN channels and up to 15 serial interfaces (RS-232, LIN) to the data logger via the Ethernet connection. Those are recorded time-synchronous to the logger data.

- › CCP/XCP on CAN
- › Time-synchronous recording to the logger data
- › Time-synchronous recording of diagnostic data
- › Baud rate adjustable on all channels
- › Sending of messages on all CAN channels
- › Sending of diagnostic requests via CAN

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GLX427

Technical Specifications

Technical Data

Interfaces	12 CAN interfaces with TJA1043 (high speed) CAN transceivers 6 LIN interfaces with TJA1021 LIN transceivers 9 optional serial interfaces (can be fitted with RS-232 or LIN)
	1 Ethernet interface for connecting to the data logger Sub-D25 (female) for the 12 CAN interfaces Sub-D25 (female) for the 15 serial interfaces 5-pin LEMO connector for power supply and synchronization
Operating Voltage	5 V ... 30 V
Power Consumption at 12 V	Typ. 3.2 W
Current Consumption at 12 V	
• in sleep mode	< 1mA
• in operation mode	270 mA
Operating Temperature Range	-40 °C ... +70 °C

Housing

Material	Extruded Sheath: Al Mg Si 0.5 powder-coated Cast Cover: GD Al Si 12 powder-coated
Dimensions (LxWxH)	181 x 137 x 35 mm
Weight	~620 g

