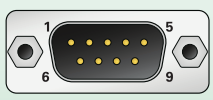
CONTACT THAILAND DISTRIBUTOR - TECHSQUARE CO., LTD.
TEL +666-5559-6050 EMAIL sales@techsquare.co.th SITE www.techsquare.co.th

PLIN-LWL

Optical Coupler for LIN Data Transmission

For use in explosion-proof areas or for EMC measurements, the PLIN-LWL can be used to replace a stretch of LIN network with a fiber-optic line at any point. The modules are supplied with power externally.





D-Sub	Pin	Pin assignment
	1	Not connected
	2	Not connected
	3	GND
	4	LIN
	5	Not connected
	6	GND
	7	Not connected
	8	Not connected
	9	V+

Specifications

- Bit rates from 2.4 kbit/s up to 20 kbit/s
- TJA1028 LIN transceiver
- LED display for power supply and transceiver status
- Switchable master termination
- LIN bus connection via D-Sub, 9-pin
- The fiber-optic line consists of a 62.5/125 µm fiber-optic duplex line with ST connectors
- Supply voltage 8 to 30 V
- Supply via D-Sub 9-pin or DC connector (jumper)
- Aluminum casing
- Extended operating temperature range from -40 to +85 °C (-40 to +185 °F)

Ordering information

Designation	Part No.
PLIN-LWL	IPEH-004049

Scope of supply

- 2 LIN to optical waveguide converters including power supply units. Delivered in shockproof plastic box
- A choice of 5 or 10 m FO cable, 62.5/125 µm duplex line ST connector. Other lengths available on request
- Manual in PDF format