

IPEcan FD Pro

2-channel USB2CAN FD / LIN interface

- PC-USB bus adapter for CAN / CAN FD / LIN networks
- CAN-FD SIC
- High speed CAN bus input per ISO 11898
- SUB-D 9-pole connector according CiA® Standard 102
- Data output to PC/notebook via USB 2.0
- 5 operation status LEDs for USB, CAN, LIN
- Software integration for IPEmotion



General channel properties	
Channel LED	Yes
Galvanic isolation	
Input ↔ input	500 V
Input ↔ USB (PC)	500 V
Device	
Inputs	2+2
Voltage supply	5 VDC - Power supply via USB (PC) 8 ... 18 VDC LIN transceiver through SUB-D connector
Power consumption, typical	1.0 W (max 200mA @ 5V)
Working temperature range	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature range	-55 ... 100 °C (-67 ... 212 °F)
IP-Code	IP 50 (ISO 20653 - 2013)
Relative humidity	15 ... 95 %
Dimensions	W120 mm x H24 mm x D71 mm (3.62 in x 0.94 in x 2.80 in)
Weight	230 g (0.507 lb)
Configuration interface	USB 2.0 (compatible to USB 1.1 and USB 3.0)
Test standards	EC Directive 2004/108/EG EN 55024: 2003-10 EN 55022: 2008-05
Input sockets	SUB-D 9-pin connector according CiA® Standard 102 PIN assignment
Status LED	Yes
CAN Interface	
CAN	CAN high speed (ISO11898) 2.0A (standard ID), 2.0B (extended ID)
Data transfer rates CAN (high speed)	25 kBit/s ... 1 MBit/s
Data transfer rates ISO CAN FD	25 kBit/s ... 12 MBit/s CAN-FD SIC support (starting with serial number 36402000)

LIN interface	
LIN	LIN specification 2.1
LIN operating modes	Listen Slave Master
Data transfer rates LIN	1 kBit/s ... 20 kBit/s
Accessories	
System cable	600-851 600-851 SIM-CAN cable SUB D Term. 600-359 SIM-CAN/PWR Term. cable SUB D/S, banana 620-567 M-CAN/PWR term cable SubD/S, banana 620-502 M-CAN cable SUBD/S Term.