

Communication interface for Gilbarco 2 Wire protocol

LSP-FCG



Brief description

This interface is made for connecting fuel pumps with Gilbarco 2Wire protocol to POS. This interface can handle one single side or one double side pump.

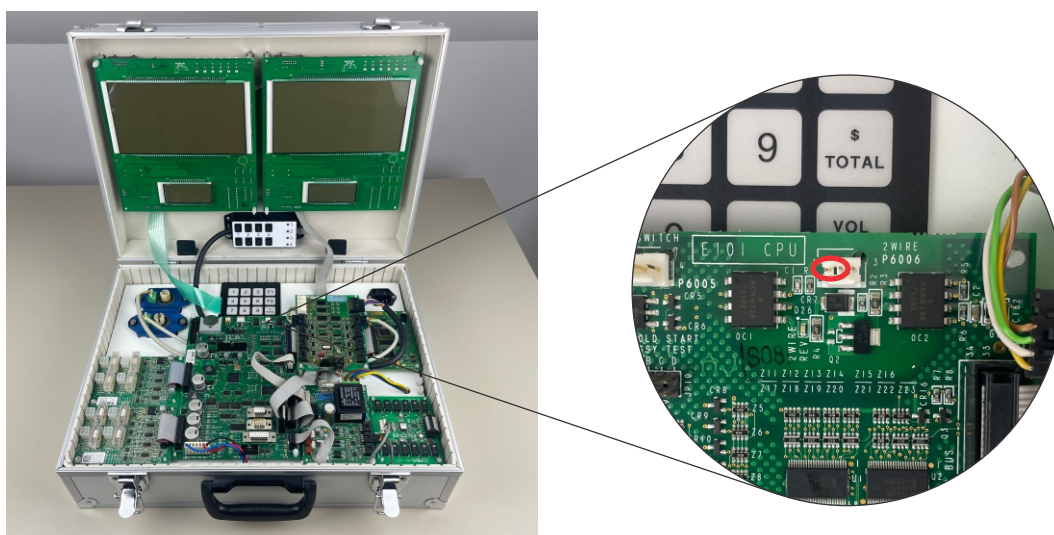
Features

- Supply voltage from USB
- Optical isolated
- Input over voltage protection
- Short circuit protection
- USB 2 compatible

Connection

Physical cabling shall be implemented with twisted pair copper wires according to the 2wire protocol.

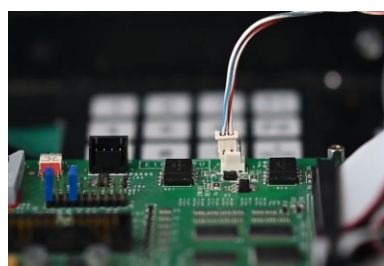
Step 1 - Locate the 2Wire connector



Step 2 - Connect our 2Wire interface to a PC/laptop using a USB A-B cable



Step 3 - Connect the 2Wire twisted pair to the mainboard



Step 4 - Connect the 2Wire twisted pair to the interface



Specifications

| | |
|--|---|
| Communication parameters <ul style="list-style-type: none"> • Baud rate • Data bit • Parity • Stop bit | 5787, 4800 Kbit/s 8 Even 1 |
| Supply voltage | 5V |
| Current consumption | 200 mA |
| Power loss | 1 W |
| Operating temperature | -20°C to 50°C |
| Dimensions (W x H x D) | 57 x 90 x 23 mm |
| Weight | 46g |
| Output Voltage | 12 V |
| Output Current | 50 mA |
| Connectors | USB B, 3 way screw terminal plug |
| OS Compatibility | Windows XP32/64-bit, Windiws 7 32/64-bit, WinCE,Linux, Windows XP Embadded, Windows 8, 10, 11 |

