

How to interface your device to a PROFIBUS network?

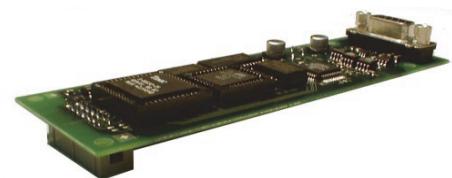
**The simplest way:
PROFIBUS Option Board**

**Rugged and quick
mounting**

**Coupling via serial
interface (TTL-level)**



straight



crooked



Article no. BW1261: PROFIBUS Option Board (straight)

Article no. BW1271: PROFIBUS Option Board (crooked)

How to interface your device to a PROFIBUS network? With the PROFIBUS Option Board.

The PROFIBUS Option Board is an embedded PROFIBUS slave interface for manufacturers of industrial automation products. It features an inexpensive PROFIBUS module with a serial interface to the host product.

The board is designed for rugged and quick mounting. The D-Sub connector for PROFIBUS can be delivered crooked or straight according to requirements of installation.

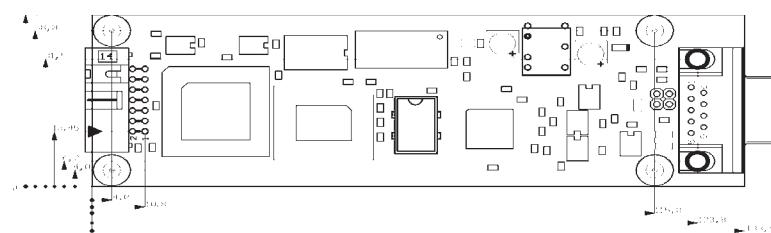
The serial connection to the host device is made flexibly via a 14 pin connector.

With the help of the PROFIBUS Option Board any devices can be offered with PROFIBUS interface without high development expenses.

The PROFIBUS Option Board is mounted in combination with the host hardware inside the housing of the host product.

The PROFIBUS Option Board provides the PROFIBUS DP slave interface between a host product with a serial interface and the PROFIBUS network.

For the use there is no need of any knowledge about PROFIBUS. The PROFIBUS Option board is served by the host product via the serial interface with a very simple serial telegram.



Pining of 14-pin connector	
2	CTS
3	TXD
4	RXD
9	+5 V supply
10, 11	GND
others	NC.

Article Nr.	BW1261	BW1271
Connection	PROFIBUS: optional D-Sub 9-pin 180° or 90° serial interface: pinhead	
PROFIBUS interface	according to DIN 19245 part 1-3	
PROFIBUS baud rates	9,6 KBaud to 12000 KBaud, automatic recognition	
DP functions	imaging of the serial data as I/O data of the PROFIBUS complete diagnosis and configuration via DP-Master	
Connection to the host	14 pin connector, 2 row type, 2,54 mm pitch, optional 180° or 90°	
Serial baud rates	19,2 KBaud/57,6 KBaud	
Transfer format	8N1	
Signal level of the serial interface	0 V, +5 V (not ±12 V)	
Operating current	max. 400 mA incl. PROFIBUS bus terminal	
Operating voltage	+5 V, ±5%	
Voltage of insulation	≥ 500 V	
Standards	EN 50082,, EN 50081	
Ambient temperature	0 °C ... +55 °C	
Storage temperature	-25 °C ... +85 °C	
Dimensions (L /W /H)	133,4 /41,9 / 8	
Connections	PROFIBUS: optional D-Sub 9-pin 180° or 90° serial interface: pinhead	