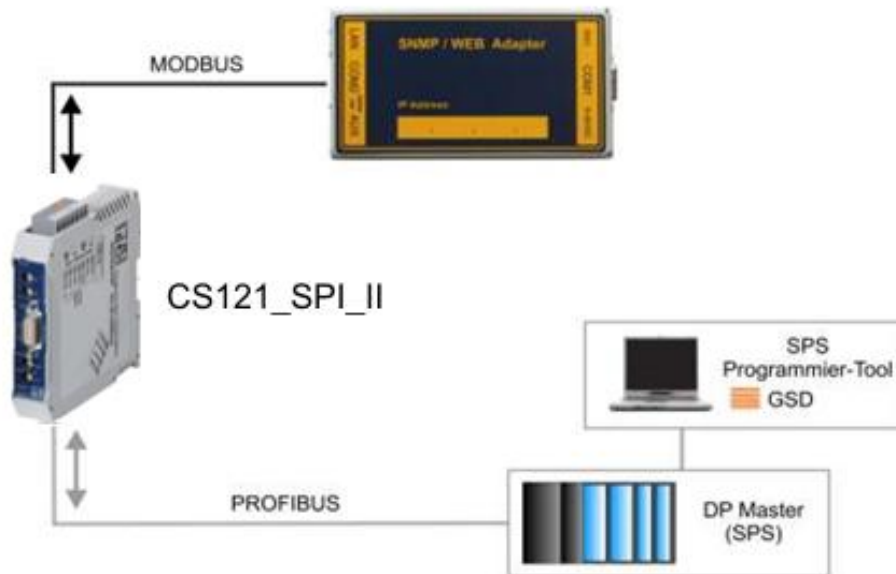


ProfibusDP Converter

CS121_SPI_II



Using the CS121_SPI_II, devices with serial interfaces can be quickly and inexpensively integrated into the PROFIBUS as DP Slave devices. Depending on the application, different protocols and connection interfaces are available. In decentralized PROFIBUS installations, the CS121_SPI_II replaces the serial interface of the SPS.

The installation, setting of parameters and configuration of the CS121_SPI_II is simple and easy. No additional configuration program is necessary.

The configuration is conducted using only the respective PROFIBUS DP Master with the GSD file of the CS121_SPI_II. The PROFIBUS E/A range is flexibly adjustable (from 2 to 32 bit data words).

The CS121_SPI_II is equally useful for simple applications for such things as text displaying and barcodes scanners as well as for more complicated applications for things like the integration of identification systems, scales and regulators.

Description

- DP-Slave up to 12 Mbits/s transfer rates
- Serial baud rates up to 19,2 kbit/s
- No special configuration software is necessary
- Integration into PROFIBUS via Plug & Play
- Configurable E/A range from 2 up to 32 data words
- Function modules for SIMATIC S7

Technical Data

Nominal voltage	12V/500mA up to 30V
Power input	120mA up to 150mA at 24VDC
Operating temperature	-20°C up to +70°C
Serial transfer rate	max. 19,2 kbit/s
Serial interface	RS232
Serial protocol	MODBUS RTU
PROFIBUS transfer rate	max. 12 Mbit/s
PROFIBUS interface	RS485
E/A range PROFIBUS	2, 4, 8, 16 (data word)
Housing, protection class	Plastic, IP 20
Mounting	35mm DIN top-hat rail
Dimensions W x L x H	23 x 111 x 117mm
Weight	130g
Certificate	CE