

2. Interfaces

- 1** RS485-Interface (Full-Duplex)
 - Pin1 : **B** (RX)
 - Pin2 : **A** (RX)
 - Pin3 : **Z** (TX)
 - Pin4 : **Y** (TX)
 - Pin5 : Ground
 - Pin6 – 9: N.C.
- 2** I²C-Interface
 - Pin 1: +5V supply voltage
 - Pin 2: Ground
 - Pin 3: I2C – SCL
 - Pin 4: I2C –SDA
 - Pin 5: IO-Pin 1
 - Pin 6: IO-Pin 2
 - Header strip with 2.54 grid dimension
- 3** JP1:
 - 1- connects SCL with a pull up resistance and +3.3V/5V
 - 2- connects SDA with a pull up resistance and +3.3V/5V
- 4** JP2:
 - Position 1-2: Pull up resistance connected to +5V (only if supply voltage is +5V)
 - Position 3-3: Pull up resistance connected to +3.3V
- 5** S2 (DIP-Switch)
 - Default address is 0xFF.
- 6** 120Ohm Termination resistors
 - R4 and R5 (bottom side) optional for 120Ohm Termination resistors.
- 7** JP6: Do not remove JP6

