

## RS485 Modbus Register

Diese Aufstellung betrifft nur die Input- Register, eine genau Anleitung sowie Funktionsweise der RS485 Schnittstelle entnehmen Sie bitte auf der Downloadseite von „bg-etch.de“ im Bereich Modbus-Protocol“.

| Address<br>Register | SDM220-Modbus Input Register<br>Parameter |          | Modbus<br>Protocol Start<br>Address Hex |            |
|---------------------|-------------------------------------------|----------|-----------------------------------------|------------|
|                     | Beschreibung                              | Einheit  | Hi<br>Byte                              | Lo<br>Byte |
| 30001               | Spannung                                  | Volts    | 00                                      | 00         |
| 30007               | Ampere                                    | Amps     | 00                                      | 06         |
| 30013               | Wirkleistung                              | Watts    | 00                                      | 0C         |
| 30019               | Scheinleistung                            | VoltAmps | 00                                      | 12         |
| 30025               | Blindleistung                             | VAr      | 00                                      | 18         |
| 30031               | Lesitungsfaktor                           | None     | 00                                      | 1E         |
| 30037               | Phasenverschiebungswinkel                 | Grad     | 00                                      | 24         |
| 30071               | Frequenz                                  | Hz       | 00                                      | 46         |
| 30073               | Import active energy                      | kwh      | 00                                      | 48         |
| 30073               | Import active energy                      | kwh      | 00                                      | 48         |
| 30075               | Export active energy                      | kwh      | 00                                      | 4A         |
| 30077               | Import reactive energy                    | kvarh    | 00                                      | 4C         |
| 30079               | Export reactive energy                    | kvarh    | 00                                      | 4E         |
| 30085               | Total system power demand                 | W        | 00                                      | 54         |
|                     |                                           |          |                                         |            |
|                     |                                           |          |                                         |            |

|       |                                          |       |    |    |
|-------|------------------------------------------|-------|----|----|
| 30087 | Maximum total system power demand        | W     | 00 | 56 |
| 30089 | Currentsystem positivepower demand       | W     | 00 | 58 |
| 30091 | Maximum system positivepower demand      | W     | 00 | 5A |
| 30093 | Currentsystem reverse power demand       | W     | 00 | 5C |
| 30095 | Maximum system reverse power demand      | W     | 00 | 5E |
| 30259 | Current demand.                          | Amps  | 01 | 02 |
| 30265 | Maximum current demand.                  | Amps  | 01 | 08 |
| 30343 | Total active energy                      | kwh   | 01 | 56 |
| 30345 | Total reactive energy                    | kvarh | 01 | 58 |
| 30385 | Current resettable total active energy   | kwh   | 01 | 80 |
| 30387 | Current resettable total reactive energy | kvarh | 01 | 82 |
| 30075 | Export active energy                     | kwh   | 00 | 4A |
| 30077 | Import reactive energy                   | kvarh | 00 | 4C |
| 30079 | Export reactive energy                   | kvarh | 00 | 4E |
| 30085 | Total system power demand                | W     | 00 | 54 |
| 30087 | Maximum total system power demand        | W     | 00 | 56 |