

Schüco IPE 04 blue'Log Driver

SCHÜCO

DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Schüco IPE 04 inverters.

COMMUNICATION

Max. number of string inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 *	100 **	100 **
Communication interface:	RS485		
Bus speed:	57600 bps		
Protocol (transmission):	8N1		

*Maximum of 31 inverters can be managed per bus interface. Connection of MX module RS485/422 is possible as an option. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

**MX module RS485/422 is necessary because up to 31 inverters can be managed per bus interface. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

POWER CONTROL

Active power control:	Yes
Reactive power control:	Yes***

Active/reactive power control is not supported by all inverter types. An exact list is available from the inverter manufacturer.

***Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.

MEASUREMENT VALUES RECORDED

E_DAY	Daily energy
E_TOTAL	Total energy
ERROR	Error status
F_AC (phase 1, 2, 3)	Grid frequency (phase 1, 2, 3)
G_WR	Irradiation invert sensor
I_AC	AC current
I_AC (phase 1, 2, 3)	AC current (phase 1, 2, 3)
I_DC	DC current
P_AC	AC active power
P_DC	DC power
STATE	Operating status
T_WR (1, 2, 3...)	Inverter temperature (1, 2, 3, 4, 5)
U_AC	AC voltage
U_AC_L1L2	Phase to phase voltage L1-L2
U_AC_L2L3	Phase to phase voltage L2-L3
U_AC_L3L1	Phase to phase voltage L3-L1
U_DC	DC voltage

The actually recorded values may vary due to the inverter model or the inverter firmware.

SUPPORTED INVERTERS

IPE series	Schueco IPE 8000 SN 04	Schueco IPE 010 CN 04	Schueco IPE 013 CN 04
	Schueco IPE 017 CN 04	Schueco IPE 020 CN 04	

Please contact Sales for details of compatibility with inverters not listed.
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