

## Kellerklima 1.2

### Humidity Controller

#### Main Controller

Arduino Pro Mini	1	check position of A4 and A5 (I2C)
Rotary encoder	1	generic type or module
Buzzer (passive), 12x9.5RM7	1	
LCD 1602	1	HD44780, parallel/4 bit mode
Case	1	
M12 cable gland (Verschraub)	3	
SP16/GX16 4p cable connect	2	
PCB	1	JLCPCB
Relais 5V, Söngle	2	SMIH-05V SL-A
Power HLK-PM01	1	
JST connectors 1x04_P2.50n	3	
5.1V Zehner	1	
P82B715D I2C Booster	1	
MOV (VDR), 420V	2	
ESP-01	1	optional
Terminal 3p	3	
Terminal 2p	1	
Switch	1	
LM1117-3.3	1	
BC846BS SOT3	2	
Fuse holder	1	

#### Sensors (x 2)

SHT31 module	2
SP16/GX16 4p cable connect	2
cable, 4p, shielded (m)	10
Case	2
PCB	2
5.1V Zehner	2
LM1117-3.3	2
P82B715D I2C Booster	2
Terminal 4p	2