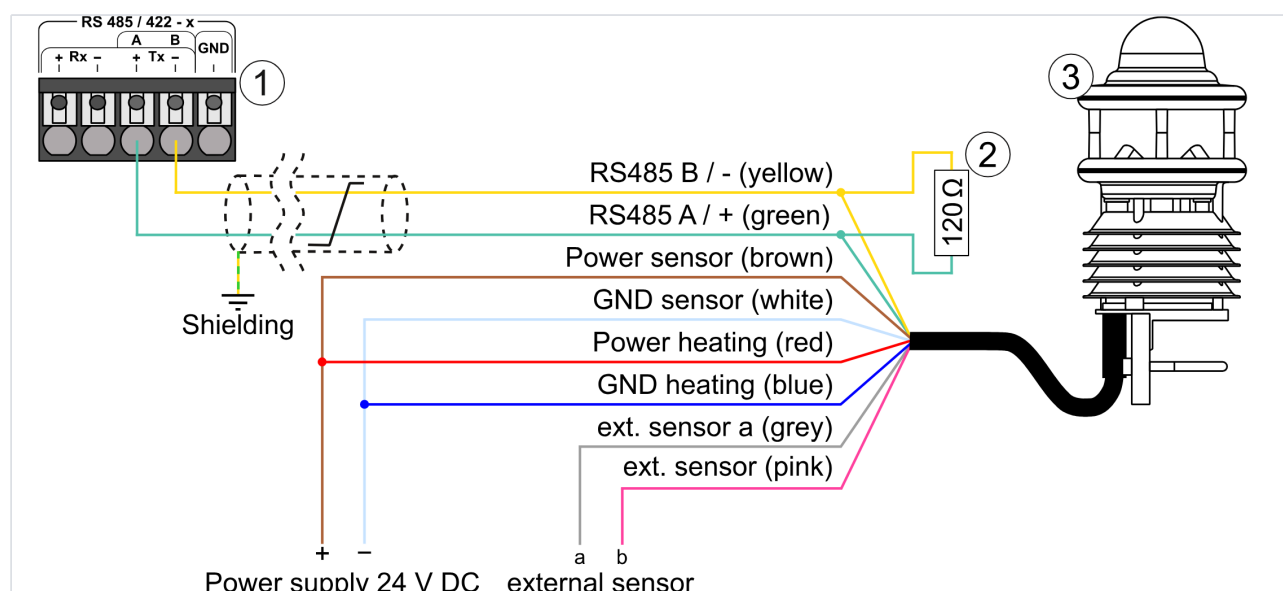


Compact Weather Stations WSxxx-UMB (Modbus RTU)

Valid for: WS200-UMB, WS300-UMB, WS310-UMB, WS301-UMB, WS302-UMB, WS303-UMB, WS304-UMB, WS400-UMB, WS401-UMB, WS500-UMB, WS510-UMB, WS501-UMB, WS502-UMB, WS503-UMB, WS504-UMB, WS600-UMB, WS601-UMB, WS700-UMB, WS800-UMB

Connection to blue'Log XM/XC

- Check the respective sensor documentation to find out what power the 24 V DC power supply needs: this may vary depending on the sensor model.
- Set the bus address on the compact weather station (see compact weather station documentation).
- If the device is the last one on the RS485 bus, terminate the bus with a 120 Ω terminating resistor.
- Various Modbus devices can only be queried together if the serial communication parameters are identical (baud rate, number of data bits, parity, stop bits).



Compact Weather Stations WSxxx-UMB (Modbus RTU): Sensor connection

Description	
1	Data logger terminal, RS485
2	Terminating resistor
3	Compact weather station

Connection

Wire color	Use
● Yellow	RS485 bus wire B (-)

Wire color	Use
 Green	RS485 bus wire A (+)
 Brown	Power supply sensor (24 V DC +)
 White	GND sensor (-)
 Red	Power supply heating (24 V DC +)
 Blue	GND heating (-)
 Gray	External sensor connector a
 Pink	External sensor connector b

Item numbers

Sensor	Item nos.
Compact weather stations	200.275, 423.306, 200.270, 200.266, 200.795, 423.307, 200.799, 423.312, 423.313, 200.793, 200.260, 200.810, 200.801