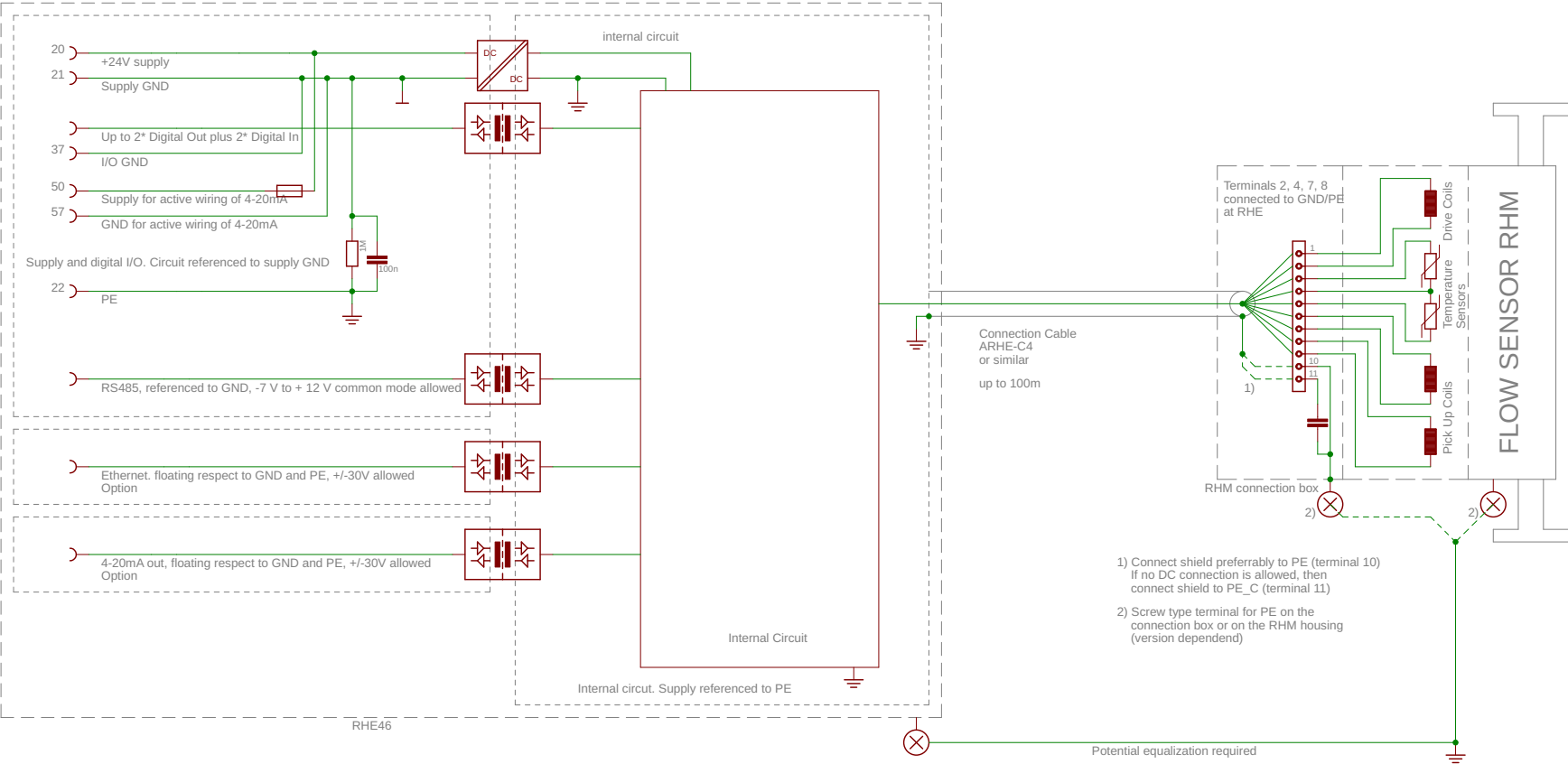


RHE46



The unit must be grounded

The DC supply ground is connected to PE via 1M Ω m.
Optionally the resistance may be higher or the resistor may be omitted.

The internal supply and all signals to the sensor RHM are referenced to PE (protectiv Earth)

The digital I/O signals are referenced to the DC supply ground

The 4-20mAQ outputs are 2 wire floating but can be supplied from the 24V supply

Ethernet is floating

The RS485 is referenced to the supply GND. A common mode voltage of -7 V to +12 V is allowed

- 1) Connect shield preferably to PE (terminal 7)
If no DC connection is allowed, then connect shield to PE_C (terminal 11)
- 2) Screw type terminal for PE on the connection box or on the RHM housing (version dependent)

					Tag	Name	RHEONIK
					Bearb.		
					Gepr.		
					zu Gerät		Zeichnungs-Nr.
					zu Anlage		RHE46_grounding _CD
							Benennung
Rev	Änderungs-Nr.	Tag	Name	Blatt	1/1	17.03.2025 16:02	