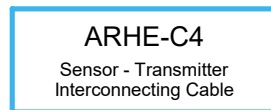


Function

1 Drive Coil high
2 Drive Coil low
3 Temp. Sensor Pipe
4 Temp. Sensors GND
5 Temp. Sensor Torsion
6 Pick Up Coil A high
7 Pick Up Coil A low
8 Pick Up Coil B low
9 Pick Up Coil B high
10 PE
11 PE_C

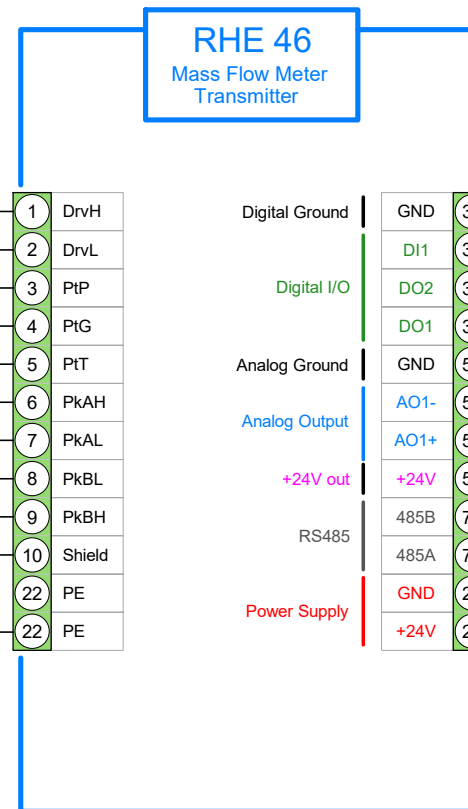


ARHE-C4

Sensor - Transmitter
Interconnecting Cable

Wire Color

1 brown
2 blue
3 red
4 pink
5 orange
6 yellow
7 green
8 grey
9 white
10 Shields
22 yellow/green
22 PE



RHE 46

Mass Flow Meter
Transmitter

Digital Ground | GND 37 Common Connection (0V) for Digital I/O
Digital I/O | DI1 35 Digital Input 1 (passive)
DO2 32 Digital Output 2 (active)
DO1 31 Digital Output 1 (active) Functions programmable
Analog Ground | GND 57 Common Connection (0V) for Analog Output
Analog Output | AO1- 52 - Analog Output 1 (passive configuration)
AO1+ 51 +
+24V out | +24V 50
RS485 | 485B 71 - RS485 (Modbus RTU)
485A 70 +
Power Supply | GND 21 GND
+24V 20 +12 to 24VDC (+/- 10%)

- 1 Best protection against electromagnetic interference is achieved by connection of the cable screens to PE.
For special cases with longer cables and small differences in earth potential between RHM and RHE installation the screens can be connected to PE_C. In case of substantial potential differences a potential equalization cable is mandatory.

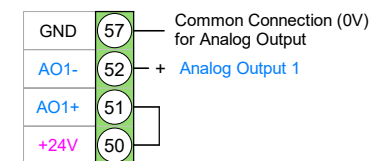


When connecting the sensor and transmitter the respective local code for electrical installations must be considered.

Do not change the installation under power.

Active configuration for Analog Output

Jumper 50-51 is necessary!



created / revised	
Date	17.11.2022
Drawn	H.G.Rudolph
Appr.	M. Weber

RHEONIK.

Wiring diagram RHE 46

RHE46-RB**-**S1-****-***

Project	
Customer	
Draw. - Rev.	E46W-E_RB_S1_Rev_1_0
Sheet	1 / 1