

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

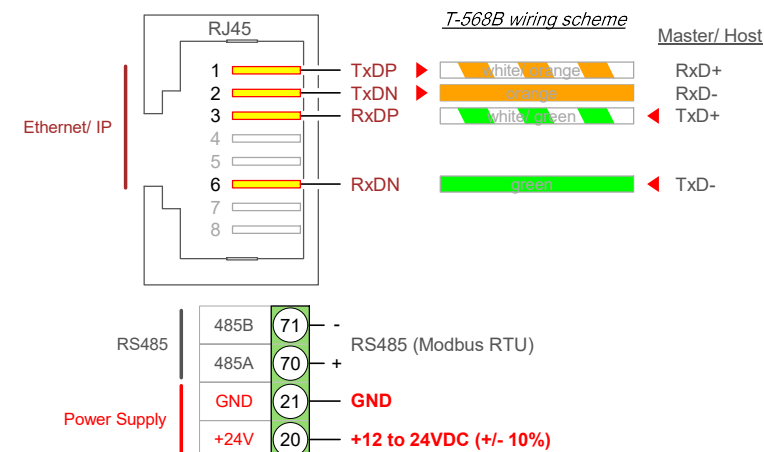
Wire Color

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

**RHE 46**

Mass Flow Meter  
Transmitter

Digital Ground | 37 GND Common Connection (0V) for Digital I/O  
Digital I/O | 35 DI1 Digital Input 1 (passive)  
32 DO2 Digital Output 2 (active)  
31 DO1 Digital Output 1 (active) Functions programmable



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.

|                   |             |
|-------------------|-------------|
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| Date              | 20.11.2022  |
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**RHEONIK**

Wiring diagram RHE 46  
RHE46-RJ\*\*\_\*\*EN-\*\*\*\*\_\*\*

|              |                      |
|--------------|----------------------|
| Project      |                      |
| Customer     |                      |
| Draw. - Rev. | E46W-E_RJ_EN_Rev_1_0 |
| Sheet        | 1 / 1                |