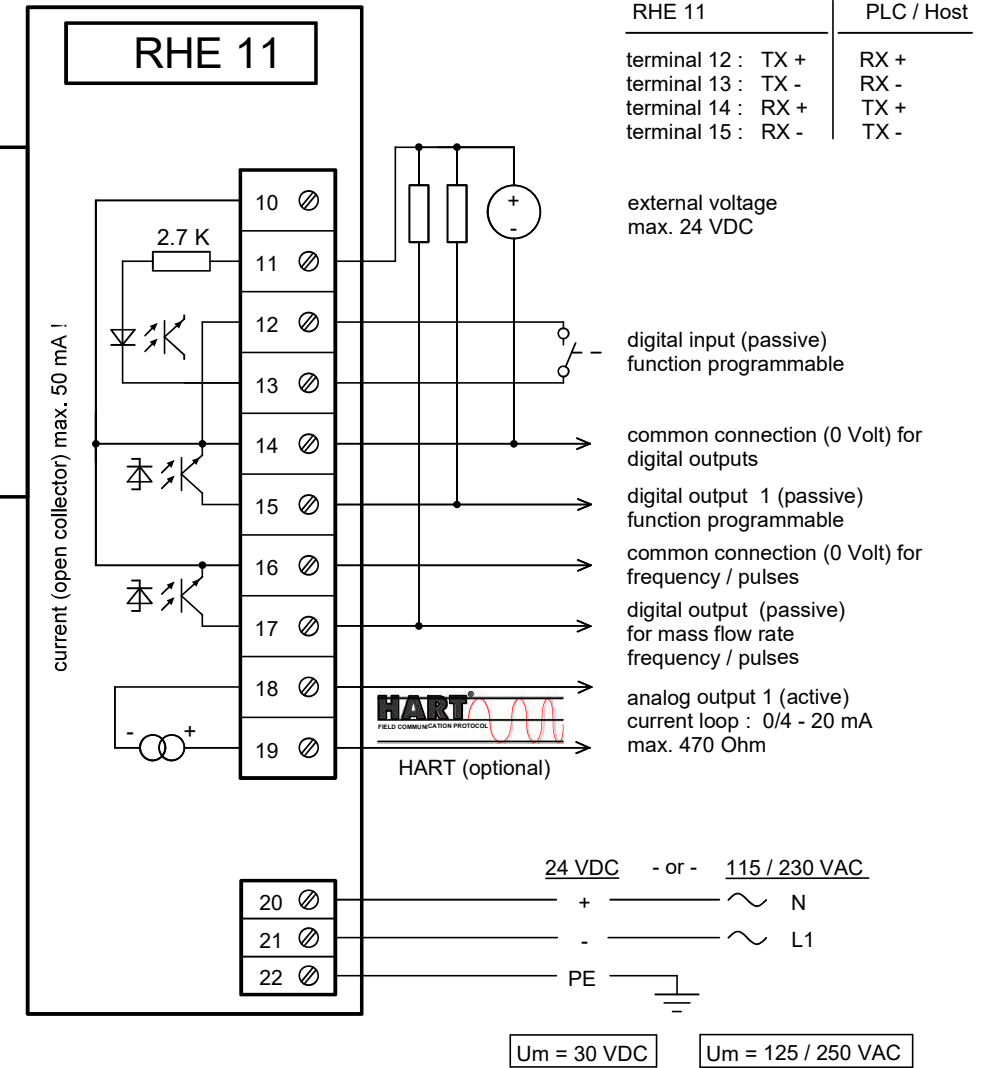


HT- SENSORS (High Temperature):  
Screen to ground connection MUST  
BE done. An additional potential  
equalising cable is required (see Manual).

NT / ETx - Sensors:  
please DO NOT connect !

Cable integral part of RHE 11 - TYPE 1 and 3 - no terminals available.  
Cable to be connected as on sensor side for RHE 11 - TYPE 2 and 4.

RHE 11 terminalbox (I/O, power supply)  
increased safety "e".



with option RS 422 / 485 :  
(galvanically isolated)

RHE 11	PLC / Host
terminal 12 : TX +	RX +
terminal 13 : TX -	RX -
terminal 14 : RX +	TX +
terminal 15 : RX -	TX -

external voltage  
max. 24 VDC

Attention:  
The local normatives for devices in  
the hazardous area have to be considered !  
Please also consider the special conditions and rules in our field manual  
and the respective advises.  
Do not open cover of RHE 11, if powered.  
Please consider the specified temperature of sensor cable.

Note:  
Sensor connections (terminal 1 to 9) are intrinsically safe circuits.  
In- and outputs (terminals 10 to 19) are galvanically isolated.

Terminals	Um	Im
1 - 2	8.6 V	141 mA
3 - 4	7.4 V	29 mA
3 - 5	7.4 V	29 mA
6 - 7	7.4 V	29 mA
8 - 9	7.4 V	29 mA

**RHEONIK**

Wiring diagram RHE 11  
(1 analog output and 1 digital input)

created / revised	
Date	10.11.2014
Drawn	H.G.Rudolph
Appr.	U. Hettrich

Project	
Customer	
Draw. - Rev.	E11WAD-E_v5_5
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