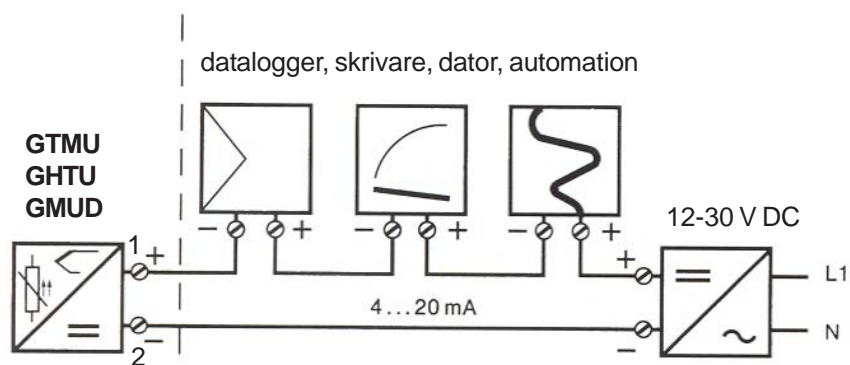


## 4...20 mA strömslinga (2-trådsmatning)



## Safety instructions:

This device has been designed and tested in accordance with the safety regulations for electronic devices. However, its trouble-free operation and reliability cannot be guaranteed unless the standard safety measures and special safety advises given in this manual will be adhered to when using the device.

1. Trouble-free operation and reliability of the device can only be guaranteed if the device is not subjected to any other climatic conditions than those stated under "Specification". If the device is transported from a cold to a warm environment condensation may cause in a failure of the function. In such a case make sure the device temperature has adjusted to the ambient temperature before trying a new start-up.
2. General instructions and safety regulations for electric, light and heavy current plants, including domestic safety regulations (e.g. VDE), have to be observed.
3. If device is to be connected to other devices (e.g. via PC) the circuitry has to be designed most carefully. Internal connection in third party devices (e.g. connection GND and earth) may result in not-permissible voltages impairing or destroying the device or another device connected.
4. If there is a risk whatsoever involved in running it, the device has to be switched off immediately and to be marked accordingly to avoid re-starting.  
Operator safety may be a risk if:
  - there is visible damage to the device
  - the device is not working as specified
  - the device has been stored under unsuitable conditions for a longer time.

In case of doubt, please return device to manufacturer for repair or maintenance.

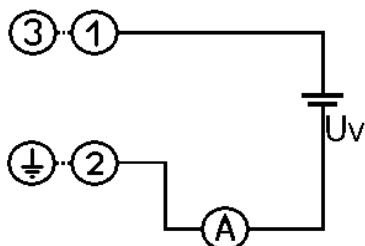
### 5. **Warning:**

Do not use these product as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury or material damage.

Failure to comply with these instructions could result in death or serious injury and material damage.

## Assignment of elbow-type plug:

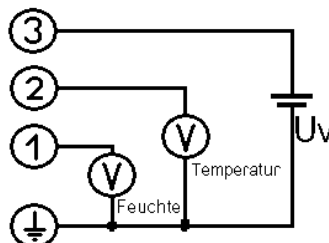
### 4-20mA (2-wire connection)



- 1 = supply voltage +Uv (humidity)  
 2 = GND / signal (humidity)  
 3 = supply voltage +Uv (temperature)  
 $\perp$  = GND / signal (temperature)

### voltage, not electrically isolated (3-wire connection)

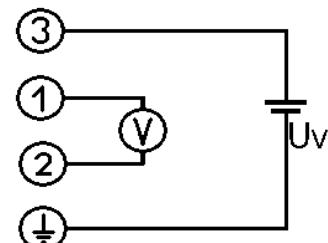
(1 combined elbow type plug for humidity and temperature)



- 1 = signal + (humidity)  
 2 = signal + (temperature)  
 3 = supply voltage +Uv  
 $\perp$  = supply voltage -Uv

### voltage, electrically isolated (3- resp. 4-wire connection)

(2 elbow type plugs: right plug is for humidity left plug is for temperature)



- 1 = signal + (humidity or temp.)  
 2 = signal - (humidity or temp.)  
 3 = supply voltage +Uv  
 $\perp$  = supply voltage -Uv  
 (note:  $\perp$  and 2 are connected internally)

## General installation instructions:

To mount the connection cable (2-, 3-, or 4-wire depending on type of device) the elbow-type plug screw has to be loosened and the coupling insert has to be removed by means of a screw driver at the position indicated (arrow). Pull out connection cable through PG glanding and connect to the loose coupling insert as described in the wiring diagram. Replace loose coupling insert onto the pins at the transducer housing and turn cover cap with PG glanding in the direction desired till it snaps on (4 different starting positions at 90° intervals). Re-tighten the screw at the angle plug.