

**Bestelltext / How to order**  
**Type**

**Art.-Nr. 9400.00.522**  
 HPF00 with MR265 Interface 2-wire  
 0 switches incl. 100kOhm DPC 5Watt Potentiometer

**MR265 Adjustable current interface 4...20 mA (2- wire system) :**

**Specifications**

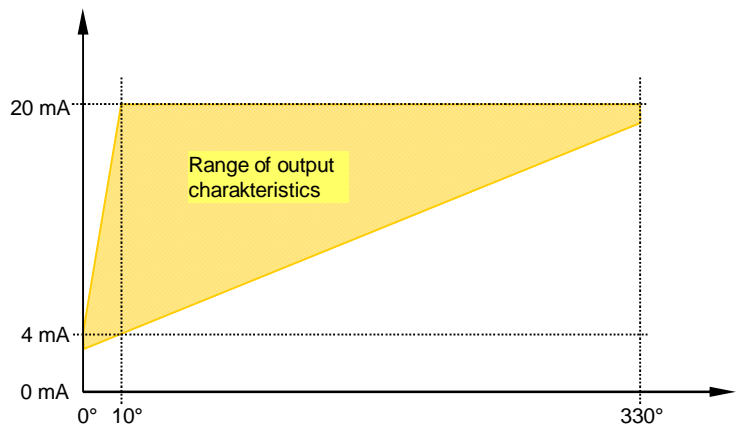
Connection	2- wire system
Power supply:	18...30 V DC (Specifications valid for 24V)
Current consumption:	4...20 mA
Max. Output power:	400 mW
Max. load:	500
Output current:	4...20 mA
Linearity:	± 0.5 %
Temperature coefficient:	100 ppm/K
Temperature range:	0...70°C

**Possibilities of adjustment**

The maximum angle that the shaft of the potentiometer can be turned is 330°. The output characteristic can be adjusted as follows.

- Min. Offset: 0°
- Max. Offset: 10°
- Min. Span: 48.5 A/°
- Max. Span: 1.6 mA/°

This values allow range for the output characteristic as shown in the graphic beside.

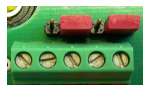


**Adjustment:**

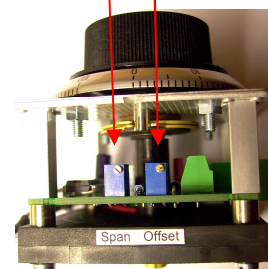
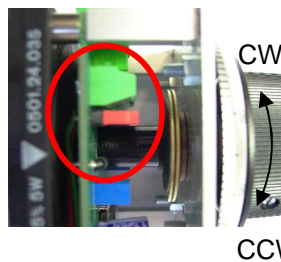
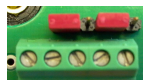
1. Position the rotary knob to desired lower limit
2. Turn the Offset- Trimmer until a current of 4mA flows
3. Position the rotary knob to desired upper limit
4. Turn the Span- Trimmer until a current of 20mA flows

**Jumper positions :**

**CW ascending 4-20mA**  
 (delivery status)



**CCW ascending 4-20mA**



**Electrical connection :**

