

6.7. Direction of Switching (type AUF-1001, optional)

Press button **B** until: dir is displayed.

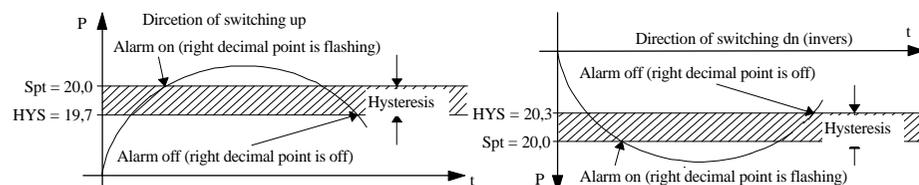
⇒ **A+B** menu item for setting: dn

(Hysteresis above switch point; inverse)

⇒ **B** or **A** for up and down: up

(Hysteresis below switch point)

⇒ **A+B** acknowledge the setting and return to menu item "dir"



6.8 Return to Measuring Mode

Press key A or B one to eight times depending on the selected menu item.

7. Declaration of Conformance

We, Kobold-Messring GmbH, Hofheim-Ts., Germany, declare under our sole responsibility that the product

Plug-on Display Model AUF-

to which this declaration relates is in conformity with the standards noted below:

EN 50081-1

EMC General Emission Requirements

EN 50082-2

EMC General Immunity Requirements

following the provision of European Directives:

89/336/EWG

Signed:

Name: R.Wenker

Date: 12.08.98

Manufacture and Sales

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Operating Instructions for Plug-On Display Model AUF-

1. Note

Read these operating instructions before unpacking and initial operation, and follow them carefully. The devices should only be used, serviced, and repaired, by persons who are familiar with the operating instructions and with valid regulations for safety and accident prevention.

2. Specific Application

The model AUF-1000 and AUF-1001 plug-on display is a universal local display suitable for use with various transmitters. The transmitter must be fitted with an analog output and a connector in accordance with DIN 43 650. The plug-on display is simply plugged in between connector and socket; it is then ready for operation. Having removed the cover, the position of the decimal point, damping and switch point (typ AUF-1001, optional) may be set with two keys. The menu steps are indicated on the LED display.

3. Instrument Inspection

The devices are inspected before they are sent out; they are then dispatched in perfect working order. Should there be any visible damage to the device, we recommend to examine the delivery packaging carefully. Immediately inform the parcel service or forwarding agency in the event of a claim, as the haulier is responsible for damage in transit.

4. Mechanical Connection

The plug-on display is simply plugged in between connector and socket; it is then ready for operation. The fixing screw must be replaced with the longer screw that is part of the delivery scope. The display can be rotated in 90°-steps.

5. Electrical Connection

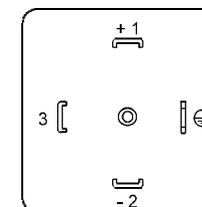
Connect the plug-on display as shown in the wiring diagram.

UB+ = PIN 1 } max. current load 60 mA

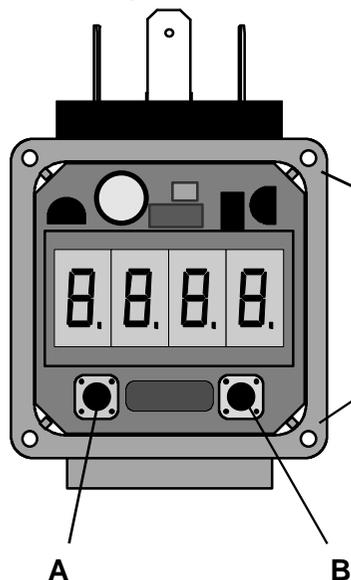
0 V = PIN 2 }

Switching output = PIN 3

Connect PIN 2 and PIN 3 for devices with open-collector output (Type AUF-1001), PNP, max. current load 90 mA



6. Setting



To make settings:
Loosen the four Philips screws on the display and remove the cover.

- A ⇒ Down and select menu items
- B ⇒ Up and select menu items
- A+B ⇒ Select menu item for setting or acknowledging the setting

6.1 Decimal Point

Press button B until: is displayed.

⇒ **A+B** menu item for setting:

⇒ **B** or **A** for up and down:

⇒ **A+B** acknowledge setting and return to menu item "dP"

6.2 Zero-Point (value to be displayed for 4 mA.)

Press button B until: is displayed.

⇒ **A+B** menu item for setting: for example: (0.00 bar)

⇒ **B** or **A** for up and down

⇒ **A+B** acknowledge setting and return to menu item "ZP"

6.3 Span (value to be displayed for 20 mA)

Press button B until: is displayed.

⇒ **A+B** menu item for setting:

⇒ **B** or **A** for up and down: (60.00 bar)

⇒ **A+B** acknowledge setting and return to menu item "EP"

6.4 Damping

Press button B until: is displayed.

⇒ **A+B** menu item for setting:

(min. = 0.3 s; max. = 20.0 s)

⇒ **B** or **A** for up and down: (1.5 s)

⇒ **A+B** acknowledge setting and return to menu item "FILt"

6.5 Overrange (message if less than 4 mA or greater than 20 mA)

Message "HI" ⇒ overrange or "LO" ⇒ underflow

Press button B until: is displayed.

⇒ **A+B** menu item for setting: message disabled

⇒ **B** or **A** for up and down: message enabled

⇒ **A+B** acknowledge setting and return to menu item "HILO"

Message: "hi" = overrange, "lo" = underflow

Please note: When message "HILO" is disabled, error "Er06" is displayed if the scale range (-1999 to +9999) is exceeded.

6.6 Switch Point (optional)

Press button B until: is displayed.

⇒ **A+B** menu item for setting:

⇒ **B** or **A** for up and down: (20.00 bar)

⇒ **A+B** acknowledge setting and return to menu item "SPt"

Please note: Standard hysteresis is the set switch point minus three digits (first digit is right). Hysteresis can be adjusted at the factory to customer specification.