

Mechanical Installation

BE6400-01-(XX) is designed for installation in an aircraft together with the Becker Mode S transponder BXP6401 or BXP6402. It can be mounted on the J8 unit connector.

For mechanical stabilization the blind encoder must be fastened with a device at the housing of the transponder (see figure below).

The sensor of the blind encoder must be connected with the outer air over a flexible air pressure tube. The inner diameter of the tube must be 4 mm. The sensor herewith gets the outer air pressure of the respective aircraft for altitude measurement.

Note: The protection cover must be removed before connecting the air pressure tube.



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Configuration of the transponder

The configuration setting of the transponder must be adapted in the following way (supposing that programmed Address Module and antenna are connected):

- 1) Switch the transponder to "SBY".
- 2) Press the "SEL" button.
- 3) Turn the rotary knob until "INS" appears in the lower left corner of the display.
- 4) Press the rotary button. "PASSWORD" appears in the display.
- 5) Enter "6435" by turning the rotary knob and press it to go to the next digit.
- 6) Press the "STO" button. The display shows "ALTM SELECT".
- 7) Check if "UPS AT" is marked. If yes, go to 10.
- 8) Turn the rotary knob until "UPS AT" is highlighted.
- 9) Press the "STO" button to select "UPS AT".
- 10) Press the rotary button until "SPECIALS" appears.
- 11) Check if "ALTM HIGH RESOL" is marked. If yes go to 14.
- 12) Turn the rotary button to select "ALTM HIGH RESOL".
- 13) Press the "STO" button to set high resolution.
- 14) Press the rotary button until "ERROR LATCHES" appears in the display.
- 15) Turn the rotary button to select "CLEAR LATCHES".
- 16) Press the "STO" button to clear the error latches.
- 17) Press the "SEL" button to leave the menu.

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Configuration is complete now.
Switch the transponder to "ALT" and check if the correct flight level is displayed.

This Installation instruction describes the configuration of the Becker BXP6401-X-(XX) transponder after the installation of the Blind Encoder BE6400-01-(XX). It is not a substitute for the Installation and operation manual BE6400-01-(XX).

BE6400-01-(XX)
Blind Encoder

Installation Instruction

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