

08.01.91
IKR/id

Adjustment of ADCON

1. Connect +/- 15V to ADCON.
No connection to input A + B
Wait approx. 10 Min. for adjustment.
2. Adjust R28: 2,500 V-DC between PIN "2,5 V" and "AGD"
3. Adjust R5: +/- 1 mV-DC between PIN "AOS" and "AGD"
4. Adjust R16: +/- 1 mV-DC between PIN "BOS" and "AGD"
5. Connect an oscilloscope Channel 1 to "SHO" and Channel 2 to "HLD".
Channel 1: 20 mV/DIV AC
Channel 2: 2 V/DIV AC
Timebase: 0,5 mS/DIV
Trig: Channel 2

Adjust R35 "HLDSTP" so that the signal in Channel 1 is a straight line without step by "HLD" pulse.

6. Connect input B to ADCON. Set P400 to "10 V LIN RMS".
Adjust "ADZR" R42 so that P400 only just shows 0,000 V.
7. Set P400 to "1 V LIN DC"
Adjust "ADSCA" R36 so that P400 shows 0,000 V.