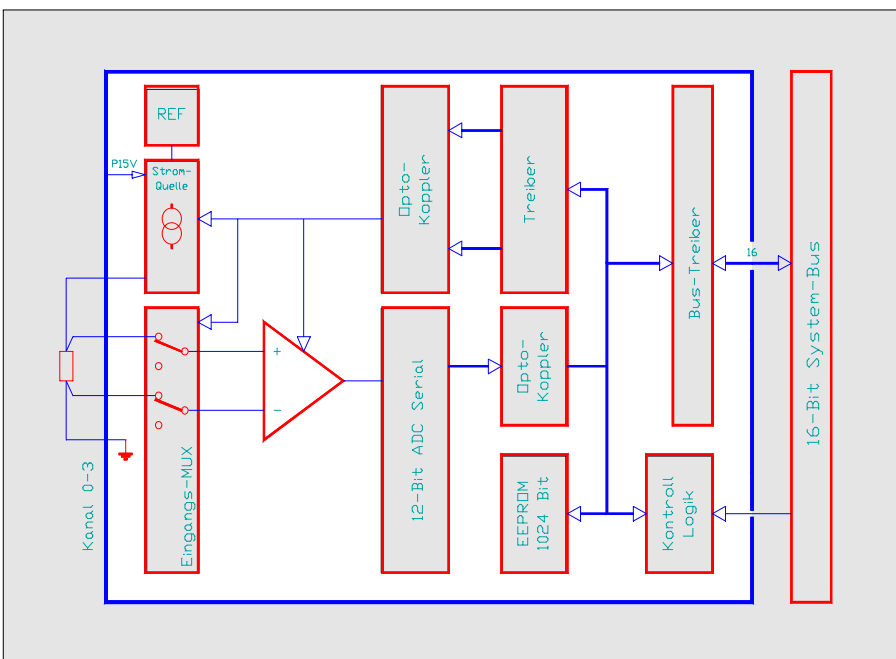


Anwendung

Technische Daten



Bestell-Nr. 91122

INDEL AG  
Tüfiwis 26  
CH-8332 Russikon  
Tel. 01-956 20 00  
Fax. 01-956 20 09

März 1994

# Drahtend-Kontrolle

# D-END

|    | a |         | c |          |
|----|---|---------|---|----------|
| 1  |   | GND     |   | GND      |
| 2  |   | +5V     |   | +5V      |
| 3  |   |         |   |          |
| 4  |   |         |   |          |
| 5  |   |         |   |          |
| 6  |   |         |   |          |
| 7  |   |         |   |          |
| 8  |   |         |   |          |
| 9  | B | A/D - 7 | B | A/D - 15 |
| 10 | B | A/D - 6 | B | A/D - 14 |
| 11 | B | A/D - 5 | B | A/D - 13 |
| 12 | B | A/D - 4 | B | A/D - 12 |
| 13 |   |         |   |          |
| 14 | B | A/D - 3 | B | A/D - 11 |
| 15 | B | A/D - 2 | B | A/D - 10 |
| 16 | B | A/D - 1 | B | A/D - 9  |
| 17 | B | A/D - 0 | B | A/D - 8  |
| 18 |   |         |   |          |
| 19 |   |         |   |          |
| 20 |   |         |   |          |
| 21 |   |         |   |          |
| 22 |   |         |   |          |
| 23 |   |         |   |          |
| 24 |   |         |   |          |
| 25 | I | IDS     | I | ODS      |
| 26 |   |         |   |          |
| 27 | I | !ADS    |   |          |
| 28 |   |         |   |          |
| 29 |   |         |   |          |
| 30 |   |         | I | !INIT    |
| 31 |   | +5V     |   | +5V      |
| 32 |   | GND     |   | GND      |

## Speisung

+5V/\_\_\_ mA  
 +E5V/\_\_\_ mA  
 +15V/\_\_\_ mA  
 -15V/\_\_\_ mA  
 +P15V/\_\_\_ mA max  
 +H24V/\_\_\_ mA  
 Alle drei Kanäle auf 125mA Messstrom!

## Lager-/Betriebs-Temperatur

-20...+80/0...+60 Grad Celsius

## Eingänge

## Adressierung

Kartenadresse XY00  
 Drehschalter S1 X000  
 Drehschalter S2 0Y00

## Besonderes

## Stecker 1

Bus-Stecker  
 DIN 41612, Typ C-64

|    | d |        | b |        | z      |
|----|---|--------|---|--------|--------|
| 2  | I | + E5V  | I | +E5V   | GND    |
| 4  | I | -15V   | I | -15V   | GND    |
| 6  | I | +15V   | I | +15V   | GND    |
| 8  |   | GND    |   | GND    | Schirm |
| 10 | I | +Vin0  | I | -Vin0  | Schirm |
| 12 | O | +lout0 | O | -lout0 | Schirm |
| 14 | I | +P15V  | I | +P15V  | GND    |
| 16 |   | GND    |   | GND    | Schirm |
| 18 | I | +Vin1  | I | -Vin1  | Schirm |
| 20 | O | +lout1 | O | -lout1 | Schirm |
| 22 | I | +P15V  | I | +P15V  | GND    |
| 24 |   | GND    |   | GND    | Schirm |
| 26 | I | +Vin2  | I | -Vin2  | Schirm |
| 28 | O | +lout2 | O | -lout2 | Schirm |
| 30 | I | +P15V  | I | +P15V  | GND    |
| 32 | I | +H24V  | I | + H24V | GND    |

## Stecker 2

Peripherie-Stecker  
 DIN 41612, Typ F-48

|    |                           |                   |  |                |
|----|---------------------------|-------------------|--|----------------|
| 1  | IC-A1                     | 74ALS688          | 15,21,23,25,<br>27,29,35,37,<br>39,41,44 | R 22 K'Ohm     |
| 3  | IC-A2,A3                  | 74ALS245N         | 3  | R 1 K'Ohm      |
| 2  | IC-A4,A5                  | 74HC574N          | 3  | R 22 Ohm       |
| 1  | IC-A6                     | GAL 6001-30       | 3  | R 150 Ohm      |
| 1  | IC-A7                     | NMC93CS46N        | 1  | R 510 Ohm      |
| 3  | O3-O14                    | TLP521-4 /PC847-4 | 3  | R 1.8 K'Ohm    |
| 1  | O1-O2                     | TLP521-2          | 3  | R 10 Ohm       |
| 2  | IC-B1,C4                  | TLP2631           | 3  | R 360 Ohm      |
| 1  | IC-D5                     | MAX170            | 3  | R 5.6 K'Ohm    |
| 1  | IC-E2                     | PGA203            | 3  | R 100 K'Ohm    |
| 1  | IC-D4                     | TLC393            | 3  | R 470 K'Ohm    |
| 1  | IC-G4                     | HI3-507A-5        | 2  | R 120 Ohm      |
| 16 | C1-G3,H1                  | LF355N            | 2  | R 470 Ohm      |
| 16 | T1-5,T7-11<br>T13-17      | 2N5116/ J271-18   | 2  | R 240 Ohm      |
| 3  | T6,12,18                  | BD139             | 1  | R 10 K'Ohm     |
| 12 | C16-22,38,40,<br>42,44,45 | C 10uF/25V        | 1  | R 10 M'Ohm     |
| 1  | D17                       | D 10V             | 2  | S 42J41G       |
| 16 | D1-D16                    | D 1N4148          | 2  | Rn 4x470 8P    |
| 1  | D18                       | D LM236H-2.5V     | 3  | Rn 4x68 K 8P   |
| 12 | C24-C35                   | C 22nF            | 1  | Rn 5x1 K 6P    |
| 1  | C23                       | nicht bestückt    | 1  | Rn 9x4.7 K 10P |
| 15 | C1-C15                    | C 22nF            | 2  | Rn 9x820 10P   |
| 33 | C39,41,43<br>46-75        | C 100nF           | 1  | Stecker F-48m  |
| 2  | C36,37                    | nicht bestückt    | 1  | Stecker C-64m  |
| 16 | R1,7,9,11,13,             |                   | 1  | Print 91121    |

