
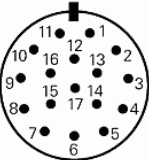

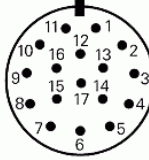


| | | |
|---|--|----------------|
| 57 | Anschluss-Belegung | |
|  | Elektrischer Anschluss | |
|  | Geometrie Polbild (Steckseite) | |
| JH | Firmenname | |
| ~1Vss | Ausgangssignal | ~1Vss |
| .. | Eingangssignal | .. |
| EnDat01 | Datenschnittstelle | EnDat01 |
| .. | Teilkreiszusatzspur | .. |
| 17 polig | Kundenseitige Steckerausführung | Ader |
| 7 | Versorgung 0V (Un) | weißgrün |
| 15 | Versorgung 0V (Sensorleitung) | weiß |
| 10 | Versorgung +V (Up) | braungrün |
| 16 | Versorgung +V (Sensorleitung) | blau |
| Im Messgerät | Versorgung verbunden mit Sensorleitung | Im Messgerät |
| Gehäuse | Außenschirm | Schirm |
| 17 | Innenschirm (0V) | Innenschirm |
| 1 | Spannungssignal A+ | grün-schwarz |
| 2 | Spannungssignal A- | gelb-schwarz |
| 11 | Spannungssignal B+ | blau-schwarz |
| 12 | Spannungssignal B- | rot-schwarz |
| 3 | Serielle Datenübertragung Daten | rot |
| 13 | Serielle Datenübertragung Daten invers | schwarz |
| 5 | Serielle Datenübertragung Takt | grün |
| 14 | Serielle Datenübertragung Takt invers | braun |
| 8 | Zusätzliche Signale Temperatur + | gelb |
| 9 | Zusätzliche Signale Temperatur - | violett |
| 4, 6 | Freie Adern und Pins | |
| | Freie Adern und Pins | grau, rosa |

| | | |
|---|---|------------------|
| 57 | Pin configuration | |
|  | Electrical connection | |
|  | Geometry of pole pattern (plug side) | |
| JH | company name | |
| ~1Vpp | Output signal | ~1Vpp |
| .. | Input signal | .. |
| EnDat01 | Data interface | EnDat01 |
| .. | Additional circular scale track | .. |
| 17-pin | Customer's connection version | Wire |
| 7 | Supply 0V (Un) | white and green |
| 15 | Supply 0V (sensor line) | white |
| 10 | Supply +V (Up) | brown and green |
| 16 | Supply +V (sensor line) | blue |
| In the encoder | Supply connected with sensor line | In the encoder |
| Housing | External shield | Shield |
| 17 | Internal shield (0 V) | Inside shield |
| 1 | Voltage signal A+ | green and black |
| 2 | Voltage signal A- | yellow and black |
| 11 | Voltage signal B+ | blue and black |
| 12 | Voltage signal B- | red and black |
| 3 | Serial data transfer of data | red |
| 13 | Serial data transfer of data, inverted | black |
| 5 | Serial data transfer of clock pulse | green |
| 14 | Serial data transfer of clock pulse, inverted | brown |
| 8 | Additional signals temperature + | yellow |
| 9 | Additional signals temperature - | violet |
| 4, 6 | Free wires and pins | |
| | Free wires and pins | grey, pink |

| | | | | | |
|---|--|----------------|-------------|-----------------------|-------------|
| Connection layout 57 IIS17 ~1Vpp EnDat01 JH | | Pin Layout | | Change No: C128655-30 | |
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| HEIDENHAIN DR. JOHANNES HEIDENHAIN GmbH 83301 Traunreut, Germany | | Serie | Version | Revision | Sheet |
| | | D313221 | - 00 | - A | - 07 |
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