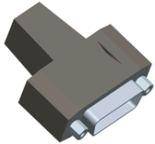
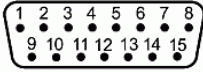
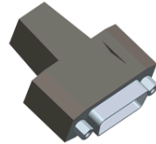
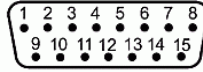


J5	Anschluss-Belegung	
	Elektrischer Anschluss	
	Geometrie Polbild (Steckseite)	
TTL	Ausgangssignal	TTL
..	Eingangssignal	..
..	Datenschnittstelle	..
..	Teilkreiszusatzspur	..
15 polig	Kundenseitige Steckerausführung	Ader
2	Versorgung 0V (Un)	weißgrün
10	Versorgung 0V (Sensorleitung)	weiß
4	Versorgung +V (Up)	braungrün
12	Versorgung +V (Sensorleitung)	blau
Im Messgerät	Versorgung verbunden mit Sensorleitung	Im Messgerät
Gehäuse	Außenschirm	Schirm
1	Rechteck-Signal Ua1	braun
9	Rechteck-Signal Ua1 invers	grün
3	Rechteck-Signal Ua2	grau
11	Rechteck-Signal Ua2 invers	rosa
14	Rechteck-Signal Ua0	rot
7	Rechteck-Signal Ua0 invers	schwarz
8	Zusätzliche Signale Diagnose Diag+	violett
6	Zusätzliche Signale Diagnose Diag-	gelb
5	Freie Adern und Pins	
13	Freie Adern und Pins	
15	Freie Adern und Pins	

J5	Pin configuration	
	Electrical connection	
	Geometry of pole pattern (plug side)	
TTL	Output signal	TTL
..	Input signal	..
..	Data interface	..
..	Additional circular scale track	..
15-pin	Customer's connection version	Wire
2	Supply 0V (Un)	white and green
10	Supply 0V (sensor line)	white
4	Supply +V (Up)	brown and green
12	Supply +V (sensor line)	blue
In the encoder	Supply connected with sensor line	In the encoder
Housing	External shield	Shield
1	Square-wave signal Ua1	brown
9	Square-wave signal Ua1 inverse	green
3	Square-wave signal Ua2	grey
11	Square-wave signal Ua2 inverse	pink
14	Square-wave signal Ua0	red
7	Square-wave signal Ua0 inverse	black
8	Additional signals diagnostic Diag+	violet
6	Additional signals diagnostic Diag-	yellow
5	Free wires and pins	
13	Free wires and pins	
15	Free wires and pins	

Connection layout J5 51S15 TTL		Pin Layout		Change No: C032692-05	
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.					
HEIDENHAIN DR. JOHANNES HEIDENHAIN GmbH		Serial	Version	Revision	Sheet
		D1164661	- 00	- A	- 05
		Document No			Page 1/1