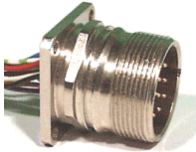
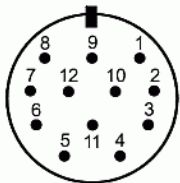
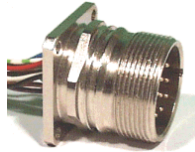
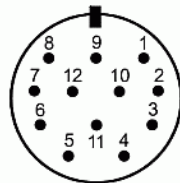


RC	Anschluss-Belegung	
	Elektrischer Anschluss	
	Geometrie Polbild (Steckseite)	
HTLs	Ausgangssignal	HTLs
..	Eingangssignal	..
SSI	Datenschnittstelle	SSI
..	Teilkreiszusatzspur	..
12 polig	Kundenseitige Steckerausführung	Litzen
2	Versorgung 0V (Un)	weißgrün
1	Versorgung +V (Up)	braungrün
10	Versorgung +V (Fühlleitung)	blau
Gehäuse	Außenschirm	Gehäuse
8	Rechteck-Signal Ua1	grün-schwarz
9	Rechteck-Signal Ua2	blau-schwarz
4	Serielle Schnittstelle Daten	grau
6	Serielle Schnittstelle Daten invers	rosa
3	Serielle Schnittstelle Takt	violett
7	Serielle Schnittstelle Takt invers	gelb
11	Zusätzliche Signale Drehrichtung	schwarz
5	Zusätzliche Signale Nullsetzung	grün
12	Freie Litzen und Pins	

RC	Pin configuration	
	Electrical connection	
	Geometry of pole pattern (plug side)	
HTLs	Output signal	HTLs
..	Input signal	..
SSI	Data interface	SSI
..	Additional circular-scale track	..
12-pin	Customer's connection version	Litzes
2	Supply 0V (Un)	white and green
1	Supply +V (Up)	brown and green
10	Supply +V (sensor line)	blue
Housing	External shield	Housing
8	Square-wave signal Ua1	green and black
9	Square-wave signal Ua2	blue and black
4	Serial interface for data	grey
6	Serial interface for data, inverse	pink
3	Serial interface for clock	violet
7	Serial interface for clock, inverse	yellow
11	Addit. signals, rotational direction	black
5	Additional signals for zero reset	green
12	Free wires and pins	

Connection layout RC 27S12 HTLs SSI				Pin Layout		Change No: N0739	
<small>The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.</small>							
HEIDENHAIN				Serie		Version	
DR. JOHANNES HEIDENHAIN GmbH				D735840 - 00 - B - 02		Revision	
83301 Traunreut, Germany				Sheet		Page	
				Document No		1/1	