

Motor feedback

Rotary motor feedback

The standard feedback device used is an incremental encoder with Hall.

C6 CONNECTOR		
PIN	NAME	DESCRIPTION
1	HU	U Hall sensor
2	HV	V Hall sensor
3	HW	W Hall sensor
4	+5V	Encoder supply 5VDC@250mA
5	GND	GND encoder supply
6	CHA	A Channel incremental encoder
7	CHB	B Channel incremental encoder
8	CHZ	Z Channel incremental encoder
9	SHIELD	Shield
10	N.C.	Not Connected
11	GND	Negative motor thermal sensor -
12	STM	Positive motor thermal sensor +
13	CHA-	Encoder negative A channel
14	CHB-	Encoder negative B channel
15	CHZ-	Encoder negative Z channel

Linear motor feedback - SIN/COS 1Vpp

C6 CONNECTOR		
PIN	NAME	DESCRIPTION
1	N.C.	
2	N.C.	
3	N.C.	
4	+5V	Encoder supply 5VDC@250mA
5	GND	GND encoder supply
6	CHA	SIN+
7	CHB	COS+
8	CHZ	
9	SHIELD	Shield
10	N.C.	Not Connected
11	GND	Negative motor thermal sensor -
12	STM	Positive motor thermal sensor +
13	CHA-	SIN-
14	CHB-	COS-
15	N.C.	

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