

SIZE 12 SERIES E5S (Single-ended)

Assembly Instructions:

Base Mounting

Secure base to mounting surface using two or three screws. If a centering tool is used, slip it over shaft and into center hole of base. Tighten mounting screws. Remove centering tool.



Spacer Installation

Place spacer tool around shaft as shown.



Hub Disk Assembly Installation

Slip hub disk assembly over shaft with codewheel disk towards top until it bottoms out against spacer tool. Tighten set screw with hex wrench provided while pressing down on hub.



Encoder Module Installation

Slip optical module into position until the two alignment pins slip into holes of module (thick side of module towards bottom). Secure with 4-40 x 1/2" screws (supplied).



Cover Installation

Place housing (cover) over assembly and secure with two 4-40 x 5/8" cover screws (supplied).



SIZE 12 SERIES E5D (Diff. Line Driver)

Encoder Module Installation

Slip optical module into position until the two alignment pins slip into holes of module (thick side of module towards bottom). Secure with 4-40 x 1/2" screws (supplied).



Cover Installation

Place housing (cover) over assembly and secure with two 4-40 x 5/8" cover screws (supplied).



Cables/Colors

CA3131-6 FT (5 pin-Sgl.-ended)

PIN #	Channel	Color
1	GRD	Black
2	Z	Green
3	A	White
4	5V	Red
5	B	Brown

CA4217-6 FT (10 pin-L.D. Std.)

PIN #	Channel	Color
1	GRD	Drain (connected on one end)
2	GRD	Green w/White Stripe
3	Z not	White w/Orange Stripe
4	Z	Orange w/White Stripe
5	A not	White w/Blue Stripe
6	A	Blue w/White Stripe
7	5V	White w/Green Stripe
8	—	—
9	B not	White w/Brown Stripe
10	B	Brown w/White Stripe

CA4174-6 FT (10 pin-L.D. Agilent Compatible)

PIN #	Channel	Color
1	—	—
2	5V	Orange w/White Stripe
3	GRD	White w/Orange Stripe
4	—	—
5	A not	White w/Blue Stripe
6	A	Blue w/White Stripe
7	B not	White w/Green Stripe
8	B	Green w/White Stripe
9	Z not	White w/Brown Stripe
10	Z	Brown w/White Stripe