

1 MOTOR CONNECTION TERMINOLOGY

FOR "MACHINE + " MOTION, THE ROTARY STAGE'S TABLE-TOP ROTATES "CW" WHEN VIEWED LOOKING ONTO THE TABLE-TOPS, TOP SURFACE.

2 JENA ENCODER PHASING

SINE WAVE ENCODER PHASING (AS)
THE READ HEAD MUST BE ADJUSTED FOR OPTIMUM ENCODER SIGNALS AS INDICATED BY THE NUMERIK JENA INSTRUCTION MANUAL.

COS (U1+)
SIN (U2+)
MKR (U0+)
CW+ ROTATION
SIN, COS, MKR AMPLITUDE= .6 to 1.2Vp-p

3 SHIELD TERMINATION WITH METALIZED PLASTIC COVERS
WITH PIN 1 & SHIELD TIED TOGETHER.

WRAP COPPER FOIL (EIA281) OVER CABLES SHIELDS,
USE APPROPRIATE O-RING SUPPLIED W/BACKSHELL
FOLD BACK SHIELD.
LAY BACK SHIELD & TWIST, SOLDER TO #22 GRN, CONNECT TO PIN 1
A. R. ' METALIZED PLASTIC COVER

4 CONNECTOR BACK SHELL & BRACKET LABELS

-PLACE LABELS PER EXAMPLES BELOW
-PRINT LABELS FROM BRADY LABEL FOLDER: AGS15000 GANTRY LABELS

4a Connector bracket backshell labels (apply labels to both sides)
4b Typical motor & feedback interface cable labels (apply labels to both sides)

5 MOTOR CABLE PART NUMBER:

CABLE: LUTZE 113331, HI FLX 4 COND 16G, SLD, PU (ECX01193)

6 FEEDBACK CABLE PART NUMBER:

CABLE: LUTZE PN 117106, HIGH FLEX 18 COND 24 G WITH SHIELD (ECX01175)

7 KEYING 2JE AND 2PE FEEDBACK CONNECTORS

2JE > INSTALL KEYING PLUG (ECK00785) INTO SOCKET CONTACT #19.
2PE > REMOVE PIN CONTACT #19.

8 MOTOR INTERFACE CABLE PART NUMBER:

CABLE GSC-01-23554-00 GORE REV.C, 8 COND 24AWG SHIELDED (ECX00569)

9 FEEDBACK INTERFACE CABLE PART NUMBER:

GORE ENC. CABLE, 12C-28AWG4C-24AWG GSC-01-22575-00 (ECX01126)

10 ENCODER CABLE

NUMERIK JENA CABLE KAB A 0.2 A - WITH FLYING LEADS (MAL01273)

11 E-CHAIN CABLE ROUTING

REFERENCE DRAWING: AGS10000-ES17306 FOR CABLE ROUTING OUTLINE THROUGH THE E-CHAINS.

