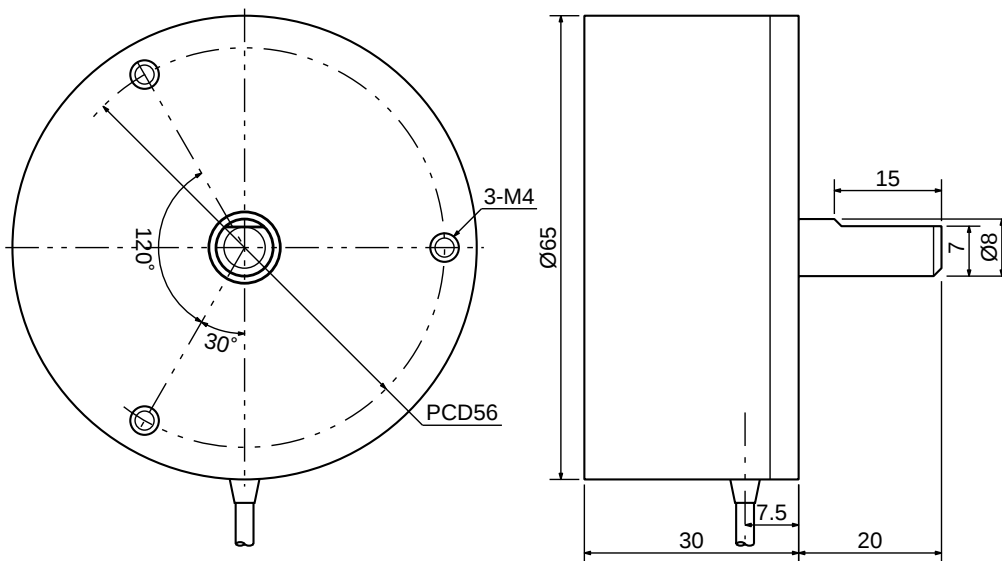
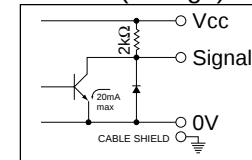


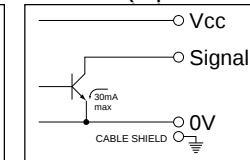


OUTPUT CIRCUITS

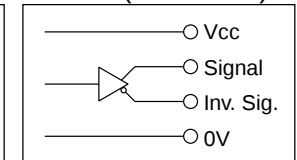
TYPE '' (Voltage)



TYPE C (Open Coll)



TYPE E (Line Driver)



STANDARD RESOLUTIONS

MES50-XXXXX

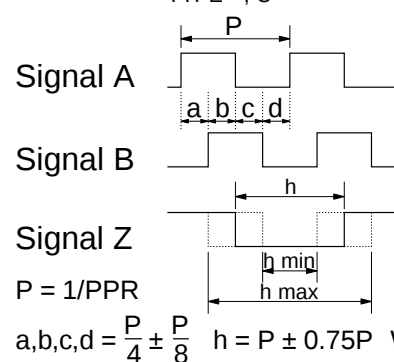
500	500 P/R	4096	4096 P/R
1000	1000 P/R	5000	5000 P/R
1024	1024 P/R	5400	5400 P/R
2000	2000 P/R	6000	6000 P/R
3000	3000 P/R	10000	10000 P/R
3600	3600 P/R	10800	10800 P/R

SPECIFICATIONS

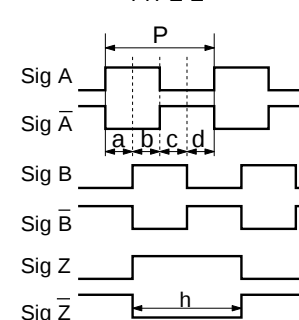
TYPE		''	C	E
Supply Voltage		5.0-12VDC ±10%	5-12 VDC ±10% 24.0 VDC ±10%	5.0 VDC ±10%
Current		60mA max.		≤ 150mA
Output	H	Vcc - 1V		≥ 2.5V
	L	≤ 0.5V		
Sink Current		20mA max.		
Signal Risetime		≤ 2μS		
Freq. Response		100KHz		

OUTPUT WAVEFORM (Clockwise rotation viewed from front)

TYPE '', C



TYPE E



Wave Duty Ratio: 50% ± 25%

ORDERING INSTRUCTIONS

MES50-

Resolution

Output Format:
'blank' = TTL voltage
C = Open Coll
E = Line Driver

Input Voltage:
1 = 5VDC ±10%
3 = 5-12VDC ±10%
4 = 24VDC ±10%

MECHANICAL

1. Max Shaft Load, radial: 2.0 kgf
axial: 1.0 kgf
2. Moment of Inertia: 30 g·cm²
3. Angular Acceleration: 1x10⁵ rad/S²
4. Max Slewing Speed: 6000 RPM
5. Starting Torque: 100 gf·cm max.
6. Rotational Life: 1 x 10⁷ rpm·hrs

ENVIRONMENTAL

1. Operating Temp: 0° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: 90% RH, no condensation
4. Vibration: 10~55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 11ms, 3 axes, 3 reps



CUI Stack, Inc.

9615 SW Allen Blvd. #103

Beaverton, OR 97005

Tel: 503/643-4899 FAX: 503/643-6129



DRAWN BY

JAS

UPDATED

03/07/00

CHECKED

03/07/00

RELEASED

PART NO.

MES50-XXXXX-XX

REV.

A