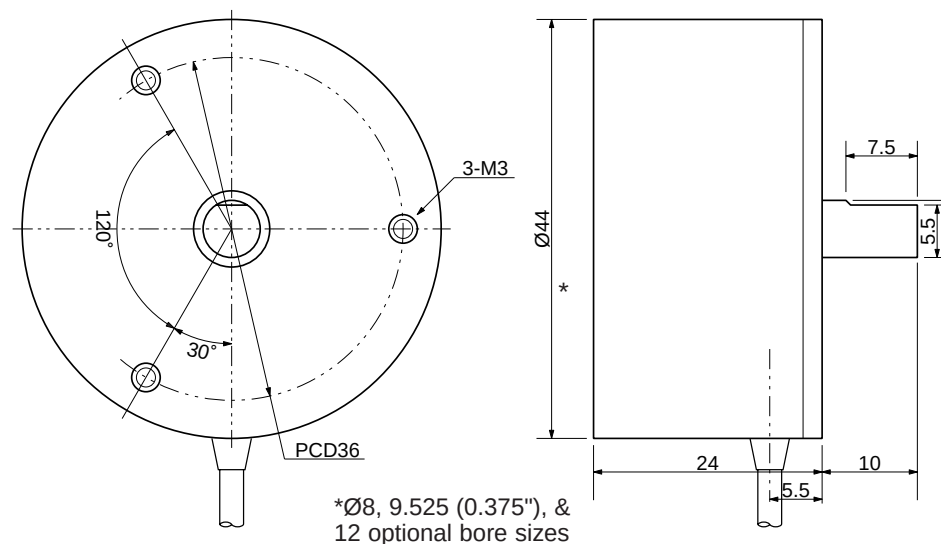
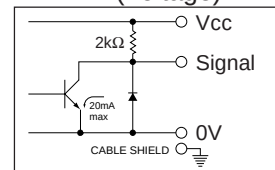


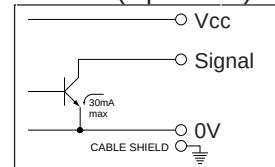


OUTPUT CIRCUITS —

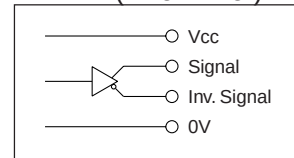
TYPE R (Voltage)



TYPE C (Open Coll)



TYPE E (Line-Driver)



STANDARD RESOLUTIONS —

MES30-XXX

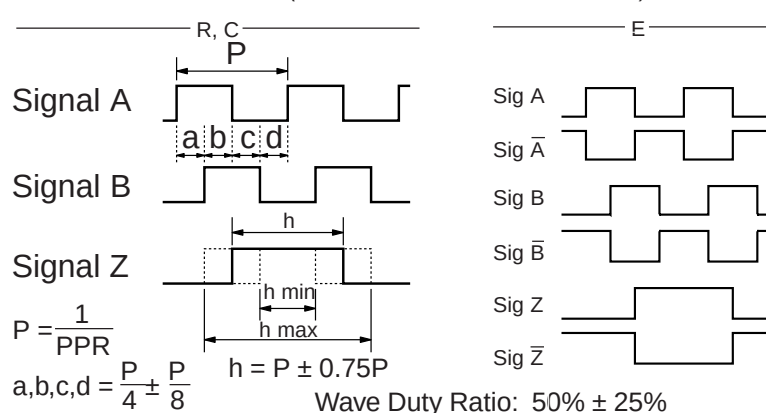
40	40 P/R	1000	1000 P/R
100	100 P/R	1024	1024 P/R
200	200 P/R	1200	1200 P/R
250	250 P/R	1500	1500 P/R
300	300 P/R	1800	1800 P/R
360	360 P/R	2000	2000 P/R
400	400 P/R	2048	2048 P/R
500	500 P/R	± 2500	2500 P/R
600	600 P/R	± 3600	3600 P/R
720	720 P/R	± 4500	4500 P/R
800	800 P/R	± 9000	9000 P/R

± Type "E" not available

SPECIFICATIONS

TYPE		R	C	E
Supply Voltage		5 ~ 12 VDC 24 VDC ±10%		5VDC
Current		60mA max.		
Output Voltage	H	Vcc - 1V		≥ 2.5V
	L	≤ 0.5V		
Sink Current		20mA max.		
Signal Risetime		≤ 2μS		
Freq. Response		50 - 100kHz		

OUTPUT WAVEFORM (Clockwise rotation viewed from front)



ORDERING INSTRUCTIONS

MES30-

Resolution: 1 = 5VDC ±10%, 2 = 12VDC ±10%, 3 = 5~12VDC ±10%, 4 = 24VDC ±10%

Input Voltage: 1 = 5VDC ±10%, 2 = 12VDC ±10%, 3 = 5~12VDC ±10%, 4 = 24VDC ±10%

Output Format: Blank = Voltage, C = Open Coll, E = Line Driver

MECHANICAL

- Max Shaft Load; radial: 2.0 kgf
axial: 1.0 kgf
- Moment of Inertia: 4 g•cm²
- Angular Acceleration: 1x10⁴ rad/S²
- Max Slewing Speed: 6000 RPM
- Starting Torque: 30 gf•cm max.
- Rotational Life: 1 x 10⁷ rpm•hrs

ENVIRONMENTAL

- Operating Temp: 0° to +60° C
- Storage Temp: -20° to +80° C
- Humidity: 90% RH, no condensation
- Vibration: 10~ 55 Hz, 1.5 mm, 2 hrs
- 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

UPDATED

CHECKED

RELEASED

PART NO.

MES30-XXX-X-X

REV.

A