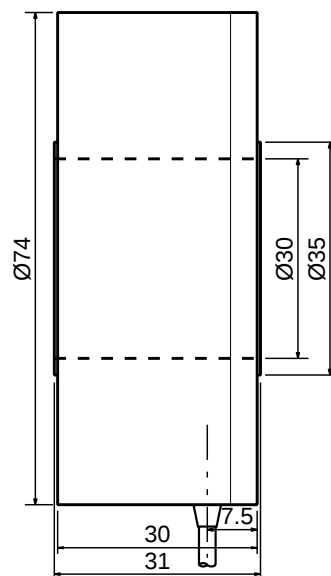
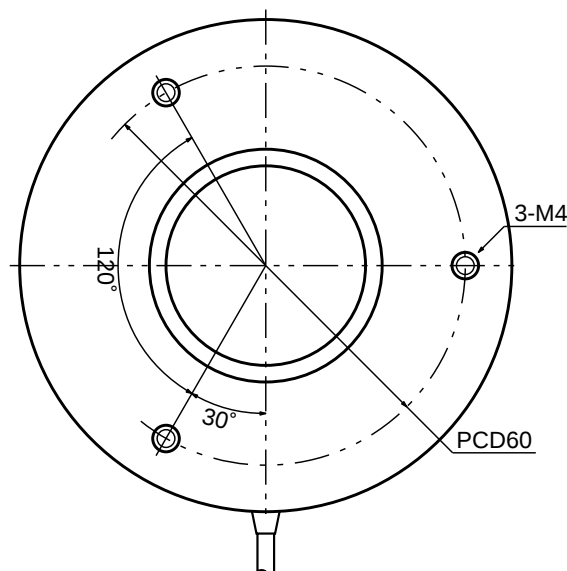
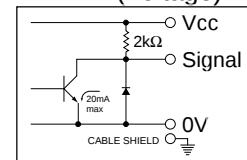


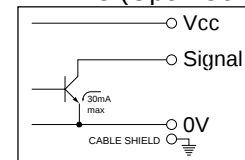


OUTPUT CIRCUITS

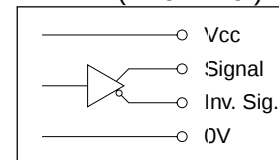
TYPE '' (Voltage)



TYPE C (Open Coll)



TYPE E (Line Driver)



ORDERING INSTRUCTIONS

MEH60-

Resolution

Output Format:
 " = TTL voltage
 C = Open Collector
 E = Line Driver

Input Voltage:
 1 = 5VDC $\pm 10\%$
 3 = 5-12VDC $\pm 10\%$
 4 = 24VDC $\pm 10\%$

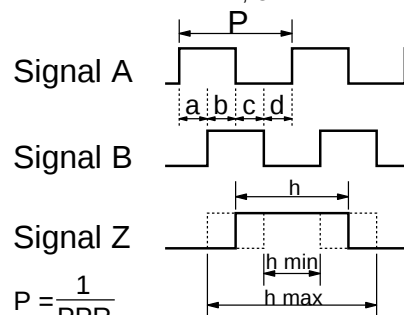
Bore Size:
 127 = 0.5"
 1905 = 0.75"
 245 = 1.0"
 30 = 30mm
 (smaller sizes available)

SPECIFICATIONS

TYPE		" "	C	E
Supply Voltage		5-12VDC	5-12VDC 24VDC	5VDC
Current		60mA max.		150mA max.
Output Voltage	H	Vcc - 1V		$\geq 2.5V$
	L	$\leq 0.5V$		
Sink Current		20mA max.		
Signal Risetime		$\leq 2\mu S$		
Freq. Response		30 - 100kHz		

OUTPUT WAVEFORM (Clockwise rotation viewed from front)

TYPE "", C

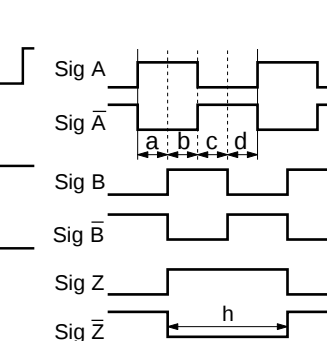


$$P = \frac{1}{PPR}$$

$$a, b, c, d = \frac{P}{4} \pm \frac{P}{8}$$

$$h = P \pm 0.75P$$

TYPE E

Wave Duty Ratio: 50% $\pm$ 25%

STANDARD RESOLUTIONS

MEH60-XXXXX

180	180 P/R	1800	1800 P/R
200	200 P/R	2000	2000 P/R
360	360 P/R	4000	4000 P/R
400	400 P/R	5000	5000 P/R
500	500 P/R	5400	5400 P/R
600	600 P/R	9000	9000 P/R
1000	1000 P/R	21600	*21600P/R

*Operating Temp: 0°C-50°C

MECHANICAL

1. Max Shaft Load, radial: 2.0 kgf
axial: 1.0 kgf
2. Moment of Inertia: 40 g•cm²
3. Angular Acceleration: 1x10⁵ rad/S²
4. Max Slewing Speed: 1000 RPM
5. Starting Torque: 200 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.

MEH60-XXXXX-XX-XXXXX

REV.

A