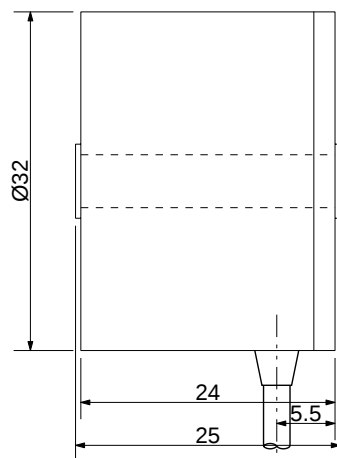
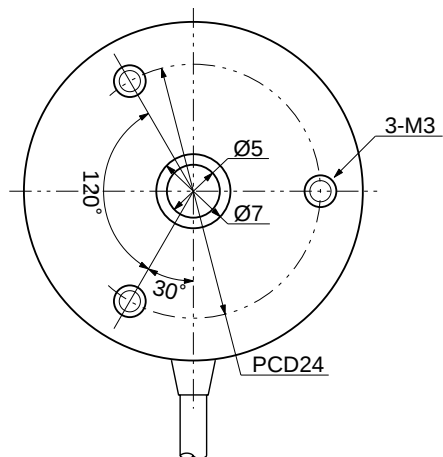
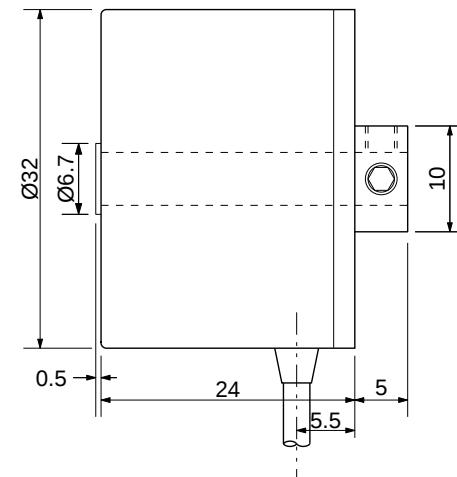
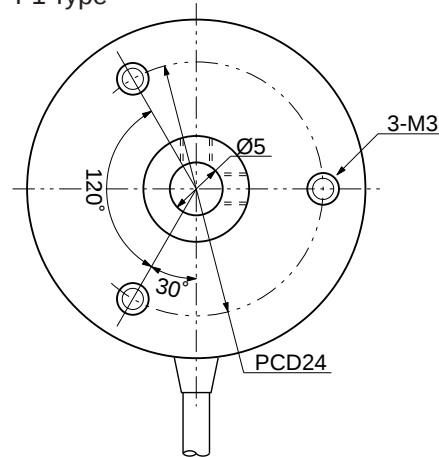




F1 Type

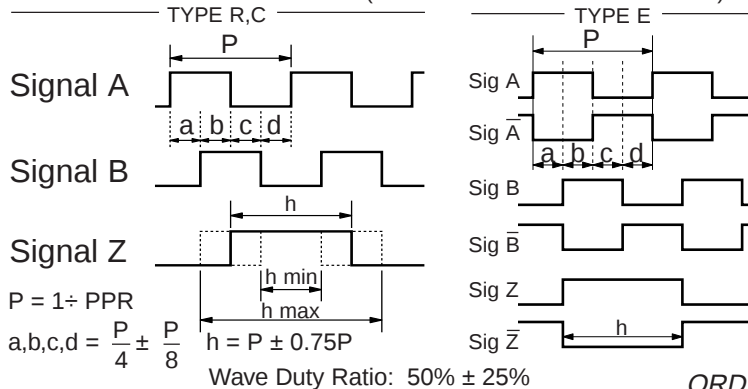


SPECIFICATIONS

TYPE		R	C	D
Supply Voltage		5 ~ 12 VDC 24 VDC $\pm 10\%$		5VDC $\pm 5\%$
Current		60mA max.		≤ 150 mA
Output Voltage	H	$V_{CC} - 1V$		$\geq 4.2V$
	L	$\leq 0.5V$		$\leq 0.5V$
Sink Current		20mA max.		≤ 20 mA
Signal Risetime		$\leq 2\mu S$		
Freq. Response		50 - 100kHz		

OUTPUT WAVEFORM

(Clockwise rotation viewed from front)



STANDARD RESOLUTIONS

MEH20-XXX

40	40 P/R	500	500 P/R $\ddagger$
60	60 P/R	600	600 P/R $\ddagger$
100	100 P/R	720	720 P/R $\ddagger$
200	200 P/R	800	800 P/R
300	300 P/R	1000	1000 P/R
360	360 P/R	1024	1024 P/R
400	400 P/R	2000	2000 P/R $\ddagger$

2048 2048P/R

$\ddagger$ Line Driver N/A

MECHANICAL

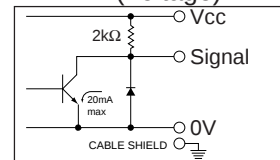
1. Max Shaft Load, radial: 2.0 kgf
axial: 1.0 kgf
2. Moment of Inertia: 3 g $\cdot$ cm²
3. Angular Acceleration: 1x10⁴ rad/S²
4. Max Slewing Speed: 6000 RPM
5. Starting Torque: 20 gf $\cdot$ cm max.
6. Rotational Life: 1 x 10⁷ rpm $\cdot$ hrs

ENVIRONMENTAL

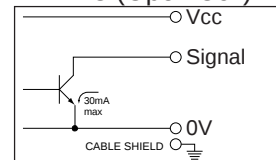
1. Operating Temp: -10° to +60° C
2. Storage Temp: -20° to +80° C
3. Humidity: 90% RH, no condensation
4. Vibration: 10~55 Hz, 1.5 mm, 2 hrs
5. Shock: 50G, 11ms, 3 axes, 3 reps

OUTPUT CIRCUITS

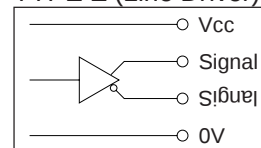
TYPE R (Voltage)



TYPE C (Open Coll)



TYPE E (Line Driver)



ORDERING INSTRUCTIONS

MEH20-

Resolution

Bore/Hub:
= Through/No Hub
F1 = Through/Hub
F2 = 14mm/Hub

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

Output Format:
= TTL Voltage
C = Open Coll
E = Diff Driver



C U I Stack, Inc.
9615 SW Allen Blvd. #103
Beaverton, OR 97005
Tel: 503/643-4899 FAX: 503/643-6129

MTL

DRAWN BY	UPDATED	CHECKED	RELEASED
PART NO.	MEH20-XXXXXX-XX		
REV.	A		