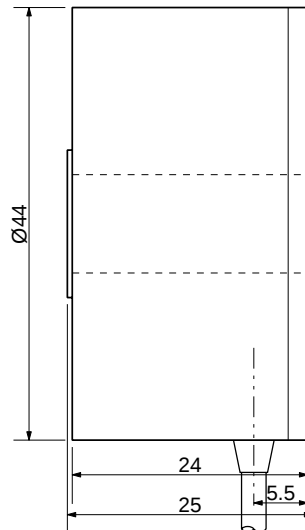
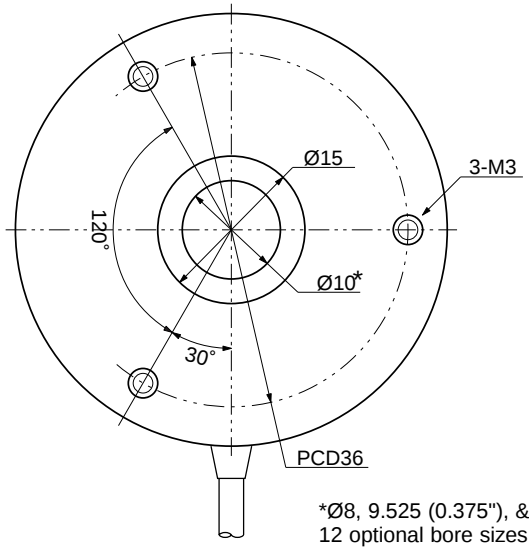
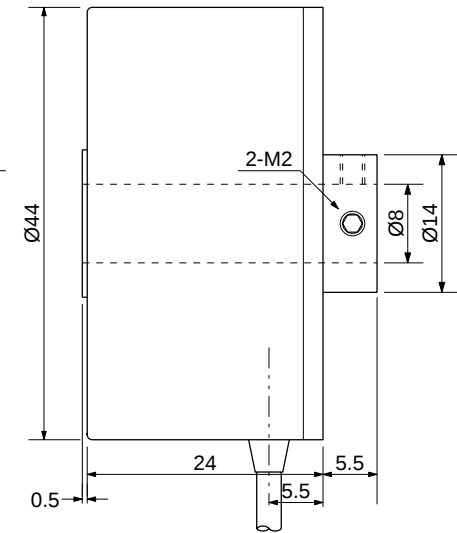
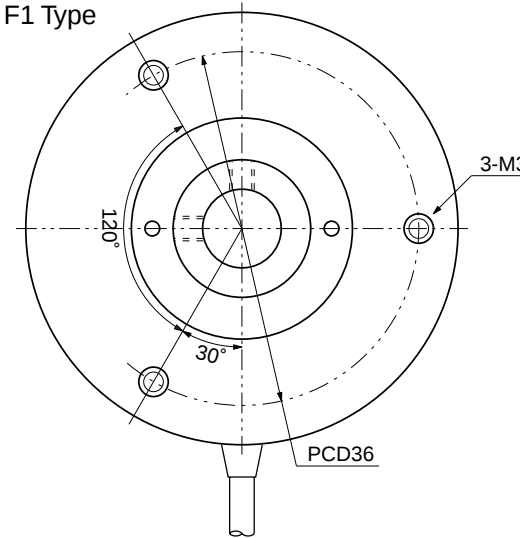




F1 Type



SPECIFICATIONS

TYPE		" "	C	E
Supply Voltage		5 ~ 12 ±10%	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		

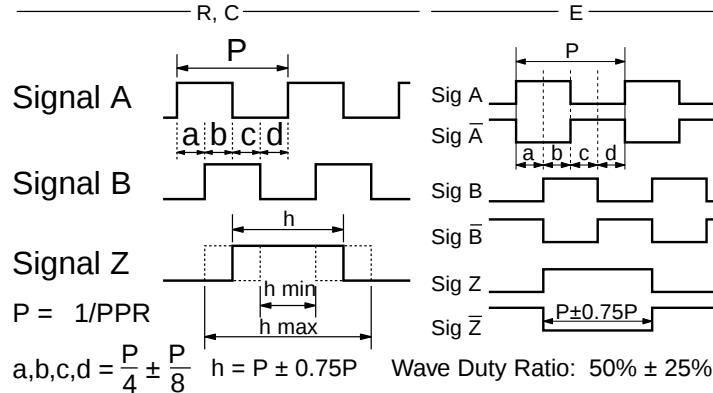
MECHANICAL

- 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

OUTPUT WAVEFORM (Clockwise rotation viewed from front)



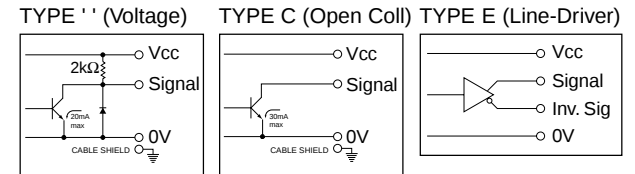
STANDARD RESOLUTIONS

MEH30-XXXX			
40	40 P/R	400	400 P/R
72	72 P/R	500	500 P/R
100	100 P/R	512	512 P/R
180	180 P/R	600	600 P/R
200	200 P/R	700	700 P/R
250	250 P/R	800	800 P/R
300	300 P/R	1000	1000 P/R
360	360 P/R	1024	1024 P/R
1200	1200 P/R	1500	1500 P/R
1500	1500 P/R	1800	1800 P/R
1800	1800 P/R	2000	2000 P/R
2000	2000 P/R	2048	2048 P/R
2500	2500 P/R	2500	2500 P/R
3600	3600 P/R	3600	3600 P/R
4500	4500 P/R	4500	4500 P/R
9000	9000 P/R	9000	9000 P/R

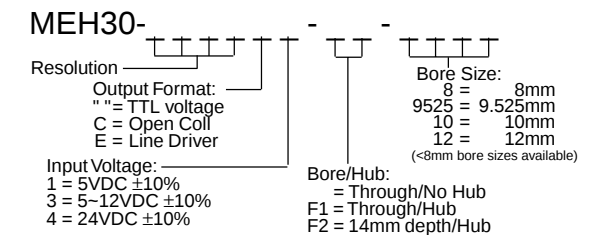
†24VDC input is not available;
Line driver output is not available

*5VDC only

OUTPUT CIRCUITS



ORDERING INSTRUCTIONS



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. MEH30-XXXXXX-XX-XXXX			REV. A