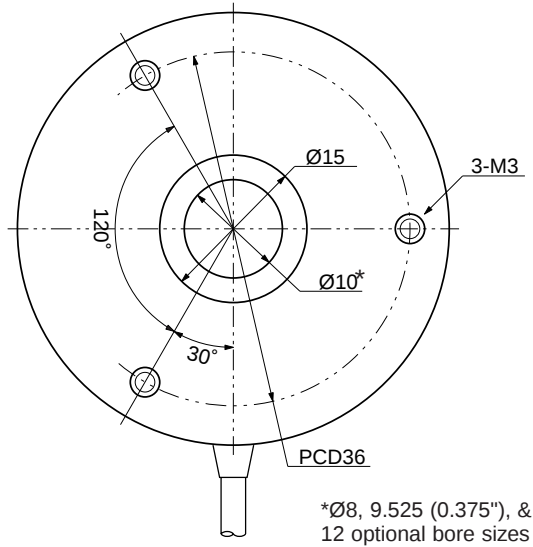
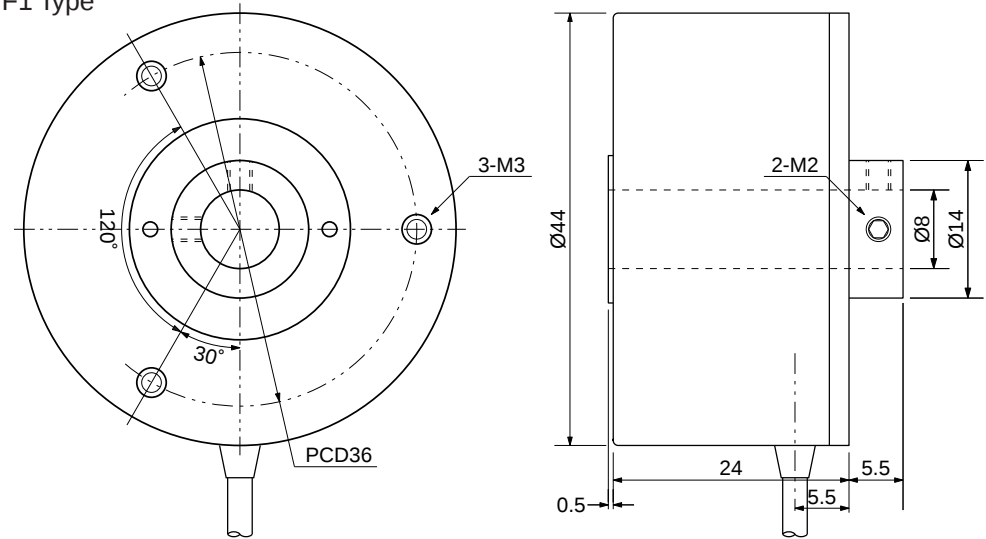




F1 Type



SPECIFICATIONS

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

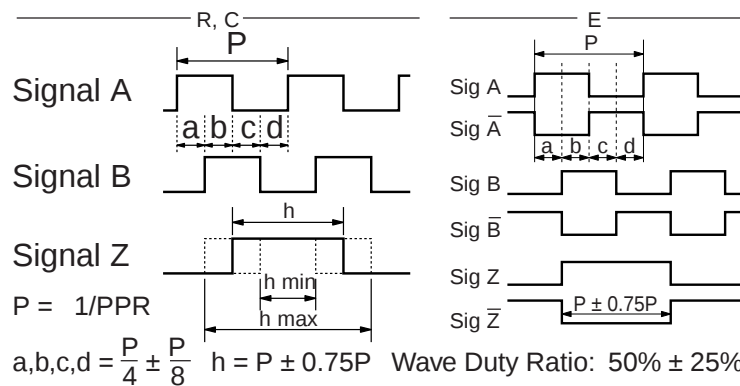
MECHANICAL

- 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-XXX

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

† Type "E" not available

ORDERING INSTRUCTIONS

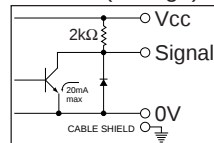
MEH30-

Resolution	Output Format:	Bore Size:
	= Voltage	6 = 6mm
	C = Open Coll	635 = 0.25"
	E = Line Driver	8 = 8mm
Bore/Hub:		9525 = 0.375"
F1 = Through/Hub		10 = 10mm
F2 = 14mm/Hub		

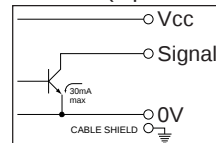
Input Voltage:
1 = 5VDC ±10%
3 = 5-12VDC ±10%
4 = 24VDC ±10%

OUTPUT CIRCUITS

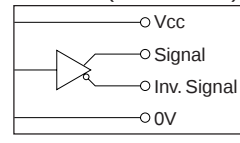
TYPE R (Voltage)



TYPE C (Open Coll)



TYPE E (Line-Driver)



CUI 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.	MEH30-XXX-XXXX-XXX		
REV.	A		