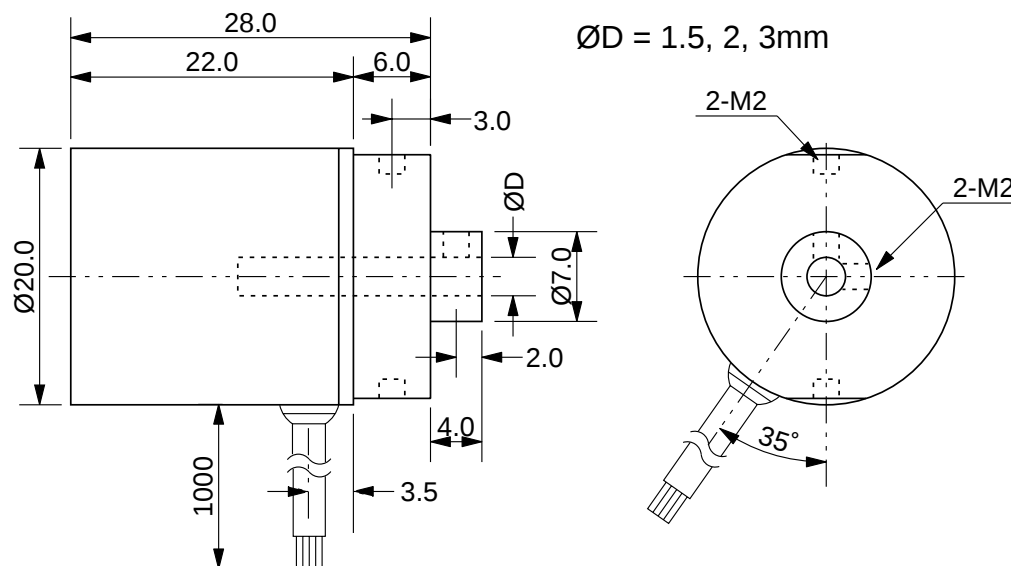




SPECIFICATIONS

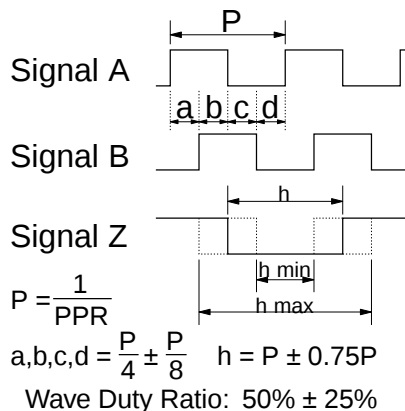
TYPE		R	C
Supply Voltage		5.0 VDC $\pm 10\%$	
Current		60mA max.	
Output Voltage	H	$\geq 4.2V$	—
	L	$\leq 0.5V$	—
Sink Current		20mA max.	
Signal Risetime		$\leq 2\mu S$	
Freq. Response		30 - 100kHz	

MECHANICAL

1. Max Shaft Load, radial: 200 gf
axial: 200 gf
2. Moment of Inertia: $2 g \cdot cm^2$
3. Angular Acceleration: $1 \times 10^4 \text{ rad/S}^2$
4. Max Slewing Speed: 6000 RPM
5. Starting Torque: 10 gf·cm max.
6. Rotational Life: $1 \times 10^7 \text{ rpm} \cdot \text{hrs}$

OUTPUT WAVEFORM

Clockwise rotation viewed from front

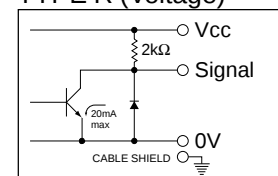


ENVIRONMENTAL

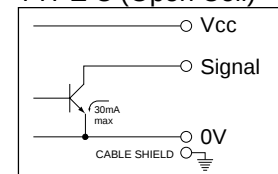
1. Operating Temp: 0° to $+60^\circ C$
2. Storage Temp: -20° to $+80^\circ C$
3. Humidity: 90% RH, no condensation
4. Vibration: 55 Hz, 1.5 mm, 2 hrs ea X,Y,Z axes
5. Shock: 50G, 11ms, 3 axes, 3 reps

OUTPUT CIRCUITS

TYPE R (Voltage)



TYPE C (Open Coll)



STANDARD RESOLUTIONS

MEH12-XXX

100	100 P/R	500	500 P/R
200	200 P/R	900	900 P/R
256	256 P/R	1000	1000 P/R
300	300 P/R	2000	2000 P/R
360	360 P/R		

Ordering Information

MEH-12-()

Bore Size:
1.5 = 1.5mm
2 = 2mm
3 = 3mm

Output:
C=Open Collector
Blank = Voltage

Resolution(PPR)



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.

MEH12-(X)XXXX-X

REV.

A