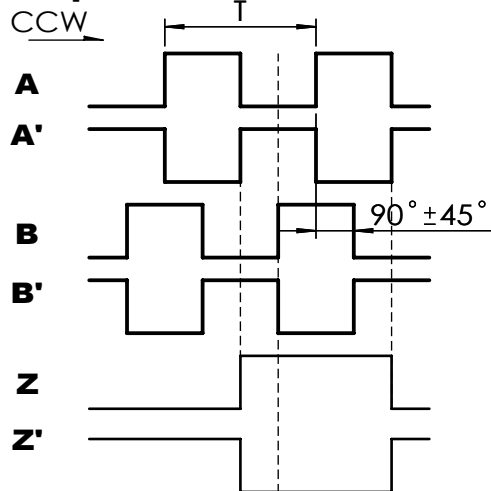


ME16A-L

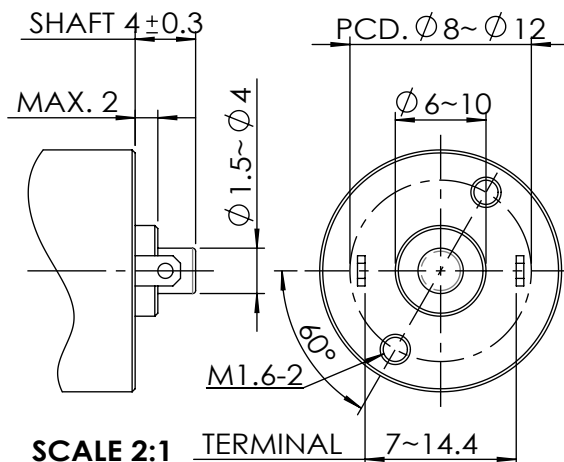
B-Class Insulation / IP5X Protection
Magnetic Incremental Encoder With Index

Resolution	128	256	512	1024	4096
Option Resolution	100	200	360	500	1000
Power Source	DC 3.0V~5.5V				
Current Consumption	$\leq 25\text{mA}$				
Output Signal	A,A' B,B' Z,Z'				
Phase Difference	$90^\circ \pm 45^\circ$				
Response Frequency	1.7 MHz				
Rise/Fall Time(CL=50pF)	30 ns				
Angle Linearity Error	$\pm 0.5^\circ (@25^\circ\text{C})$				
Maximum Speed	25000 RPM				
Operation Temperature	$-40^\circ\text{C} \sim 100^\circ\text{C}$				
Sensor Mode	Magnetic				

Output Wave Form



Installation Notes



Connections

1	Red	Vcc
2	Gray	GND
3	Gray	Channel A'
4	Gray	Channel A
5	Gray	Channel B'
6	Gray	Channel B
7	Gray	Channel Z'
8	Gray	Channel Z

