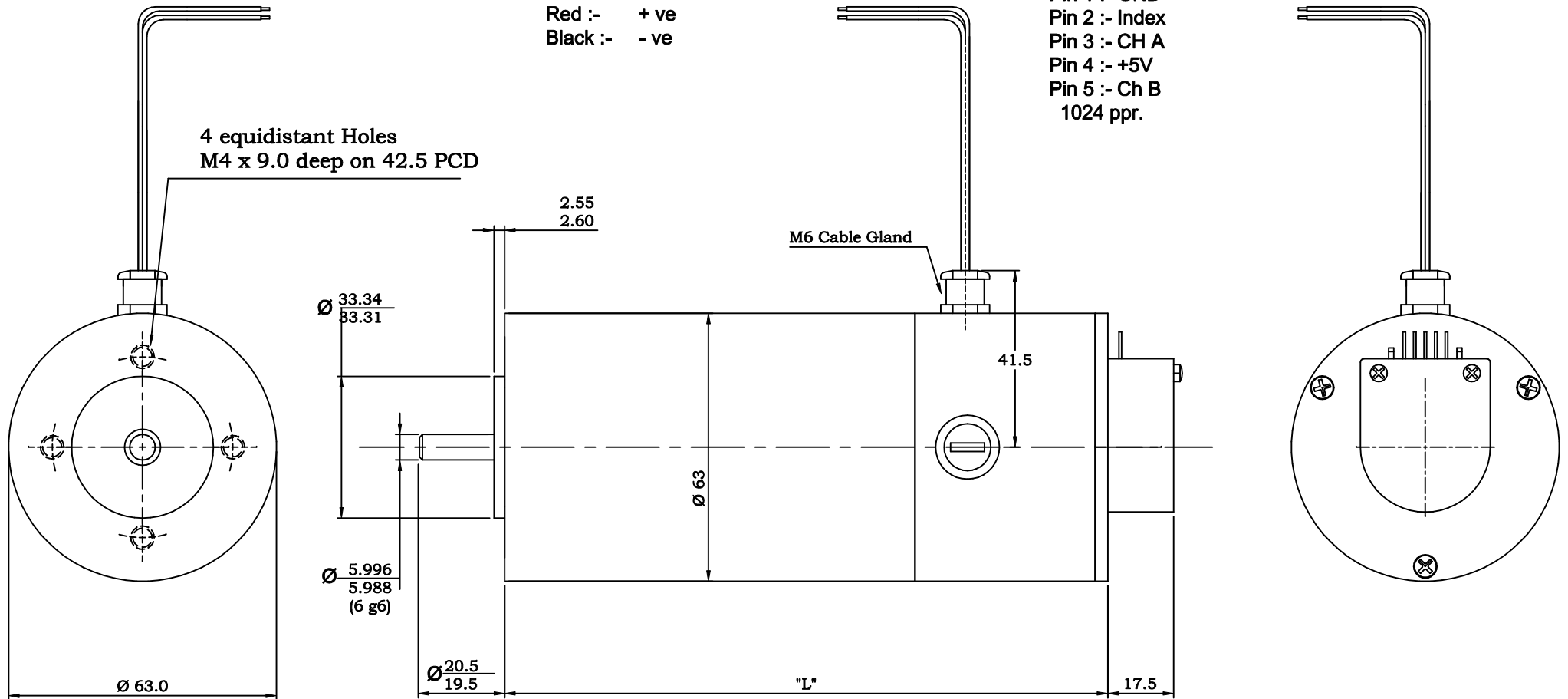


POWER LEAD CONFIGURATION

Size :- 20 AWG
 Red :- + ve
 Black :- - ve

ENCODER CONN. PINOUT

Pin 1 :- GND
 Pin 2 :- Index
 Pin 3 :- CH A
 Pin 4 :- +5V
 Pin 5 :- Ch B
 1024 ppr.



Notes:

1. Clockwise rotation as viewed from output shaft with positive voltage applied to red lead with respect to black lead. With this rotation, encoder channel A leads encoder channel B by 90° elec.
2. All dimensions in mm.
3. Encoder, 2 channel (A quad B) & index TTL output, accepts locking shell (AMP #87175-2) & 5 pins (AMP# 87165-1)

Motor Model Number	Length "L"
C4-161-0000F-000	114.5
C4-162-0000F-000	142.0

					Tolerances. X.X = ± 0.3 mm X.XX = ± 0.1 mm Ang. Dim. = ± 1°		Scale : NTS		Weight :
					Date	Name	Material : Remove all burrs and sharp corners		
					Drawn	10/10/08	Rare Earth Motor, C4-16X Single Ended Modular Encoder		
					App'd				
Issue	ECO. No.	Date	Name	App'd	Norm				
Callan Technology Ltd.							C4-16X-0000F-000		Sheet 1 of 1