

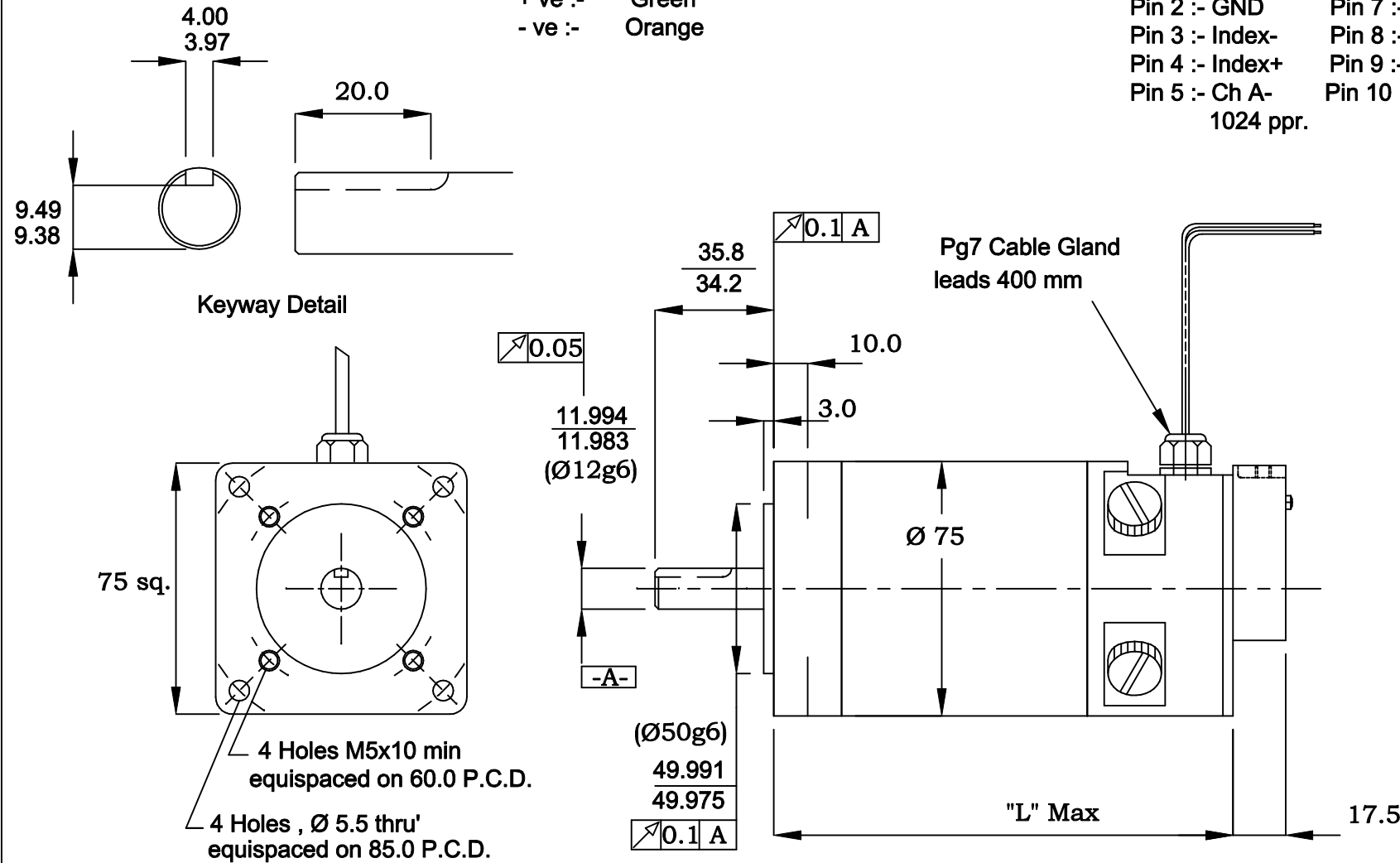
POWER LEAD CONFIGURATION

+ ve :- Green
- ve :- Orange

ENCODER CONN. PINOUT

Pin 1 :- GND Pin 6 :- Ch A+
Pin 2 :- GND Pin 7 :- +5V
Pin 3 :- Index- Pin 8 :- +5V
Pin 4 :- Index+ Pin 9 :- Ch B-
Pin 5 :- Ch A- Pin 10 :- Ch B+
1024 ppr.

Part Number	Length "L"
M4-2003-0000Q-000	103
M4-2004-0000Q-000	121
M4-2005-0000Q-000	140
M4-2006-0000Q-000	158



Notes :-

1. With a positive current applied to green lead with respect to orange lead of motor, rotation shall be clockwise facing mounting end of motor. With this rotation, encoder channel B leads channel A by 90° elec.
2. Motor can be mounted in any position.
3. Encoder 2 channel differential (A quad B) with index. Internal differential linedriver (26C31) can source/sink 20mA at TTL levels. Accepts shell (AMP #102537-3) & 10 pins (AMP# 102694-3) with back cover (AMP #102536-3)

				Tolerances. X.X = ± 0.3 mm X.XX = ± 0.1 mm Ang. Dim. = ± 1°		Scale : NTS		Weight :
				Drawn	Date	Material :		
				26/6/06	26/6/06	Remove all burrs and sharp corners		
				App'd	26/6/06	Outline - Rare Earth Magnet Servomotor with Differential Modular Encoder		
1	ECO. No.	Date	Name	App'd	Norm			
Issue						M4-200X-0000Q-000		
Callan Technology Ltd.						Sheet 1 of 1		