



Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>	<i>Part number</i>
A 48	
B 70	
C 10 medium diamond knurl	
D 0.4 nominal	
ØE Ø3.17 Pole Piece	
ØT 3/4" x 16 tpi UNF-2A	MPU5848-I*
or M18 x 1.5 6g	MPU5848-M*
Main body material Stainless Steel	
End Bobbin face Glass filled Nylon or Polypropylene	
Locknut 1 off supplied as standard	

*Previous code MPU1801-I / MPU1801-M

Electrical specification

Resistance 350Ω nominal @ 20°C

Inductance 150mH nominal

Operating temperature range -40°C to +120°C

Voltage output 20V peak-peak [see note 1]

Minimum speed 30mm/second [see note 2]

Termination 2 x 1/4" push-on blade terminal

Mating connector 2 x 1/4" push-on blade receptacle

Notes:

1. Nominal output is a typical peak to peak voltage measured across a 10K load using a 60 tooth mild steel gear wheel of Ø6", rotating at 1000 rpm and with an air gap setting of 0.01".
2. Minimum speed in mm/second to generate 100mV peak to peak typical output under standard test conditions as in note 1.

Reliability, Guaranteed



Logitech Electronics Limited

MADE IN THE UK

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