



Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>		<i>Part number</i>
A	28	
B	75 nominal	
ØC	Ø16 (no knurl)	
D	0.4 nominal	
ØE	Ø2.54 Pole Piece	
F	15	
ØM	5/8" x 24 tpi UNEF-2A (connector thread)	
ØT	3/8" x 24 tpi UNF-2A (body thread)	MPU4128-I
or	M10 x 1.0 6g	MPU4128-M
Main body material	Stainless Steel	
End Bobbin face	Polypropylene	
Locknut	2 off supplied as standard	

Electrical specification

Resistance 350Ω nominal @ 20°C

Inductance 90mH nominal

Operating temperature range -20°C to +120°C

Voltage output 15V peak-peak [see note 1]

Minimum speed 50mm/second [see note 2]

Termination MS screw 10SL-4P (2-pin integral plug)

Mating connector
[see notes 3 & 4] MS screw 10SL-4S (2-pin line socket)

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.

3. Mating line connectors (straight or 90°, complete with cable bush & clamp) are available to order separately.

4. Polarity – Pin **B** is NEGATIVE with respect to Pin **A** as the target approaches. If mating connector cable assemblies are ordered from Logitech they are supplied with the **Black** lead connected to Pin **A** and the **Red** lead connected to Pin **B**. The screen should be connected to 0V.

Reliability, Guaranteed



Logitech Electronics Limited

MADE IN THE UK

mpu4128 full v1.2 01/2020

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