



## Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>	<i>Part number</i>	
A	28	
B	39 nominal	
ØC	Ø14 medium straight knurled cap	
D	0.4 nominal	
ØE	Ø2.54 Pole Piece	
ØT	3/8" x 24 tpi UNF-2A	<b>MPU1128-I*</b>
or	M10 x 1.0 6g	<b>MPU1128-M*</b>
<b>Main body material</b>	Stainless Steel	
<b>End Bobbin face</b>	Glass Filled Nylon or Polypropylene	
<b>Locknut</b>	1 off supplied as standard	

\*Previous code MPU1101-I / MPU1101-M

# Electrical specification

**Resistance** 350Ω nominal @ 20°C

**Inductance** 90mH nominal

**Operating temperature range** -10°C to +85°C

**Voltage output** 15V peak-peak [see note1]

**Minimum speed** 50mm/second [see note 2]

**Termination** 2-core (7/0.2) screened cable x 2 metres

## 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**

mpu1128 full v1.2 01/2020

**sensorMATIC**  
SPECIALIST&SOLUTIONS

Sensormatic srl - Via della Beverara 13 - 40131 Bologna - Italia  
Tel. +39 051 63 53 511 - [smbx@sensormatic.it](mailto:smbx@sensormatic.it) - [www.sensormatic.it](http://www.sensormatic.it)