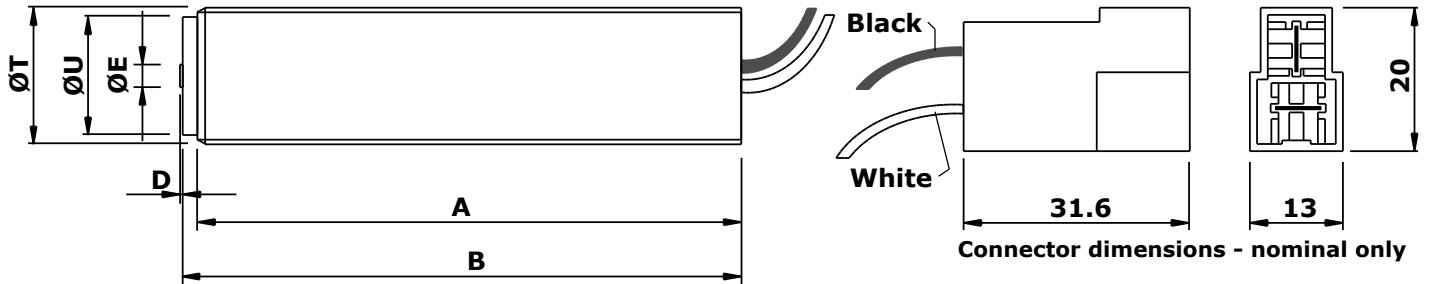


# MPU0878K Magnetic Pickup



## Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>		<i>Part number</i>
<b>A</b>	76	
<b>B</b>	78	
<b>D</b>	0.4 nominal	
<b>ØE</b>	Ø3.17 Pole Piece	
<b>ØT</b>	¾" x 16 tpi UNF-2A	<b>MPU0878K-I</b>
<b>or</b>	M18 x 1.5 6g	<b>MPU0878K-M</b>
<b>ØU</b>	Ø16.8	
<b>Main body material</b>	Stainless steel	
<b>End Bobbin face</b>	Nylon 66 or Polypropylene (colour coded – black for UNF thread, white for Metric thread)	
<b>Locknut</b>	1 off supplied as standard	

## Electrical specification

**Resistance** 2600Ω nominal @ 20°C

**Inductance** 890mH nominal

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

**Voltage output** 25V peak-peak

**Minimum speed** 12mm/second [see note 2]

**Termination** Epoxy sealed body exit with 2 x FLT 19/0.25 (1mm<sup>2</sup>) x 75mm long flexlite flying leads fitted with AMP Faston 2-way Tab (0.25") Housing 180908-0 (type F)

**Mating connector** AMP 2-way Receptacle 180907-0 (type D)

### 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**

mpu0878K full v1.2 01/2020

**sensorMATIC**  
SPECIALIST&SOLUTIONS

Sensormatic srl - Via della Beverara 13 - 40131 Bologna  
Tel. +39 051 63 53 511 - smbox@sensormatic.it - www.sensormatic.it