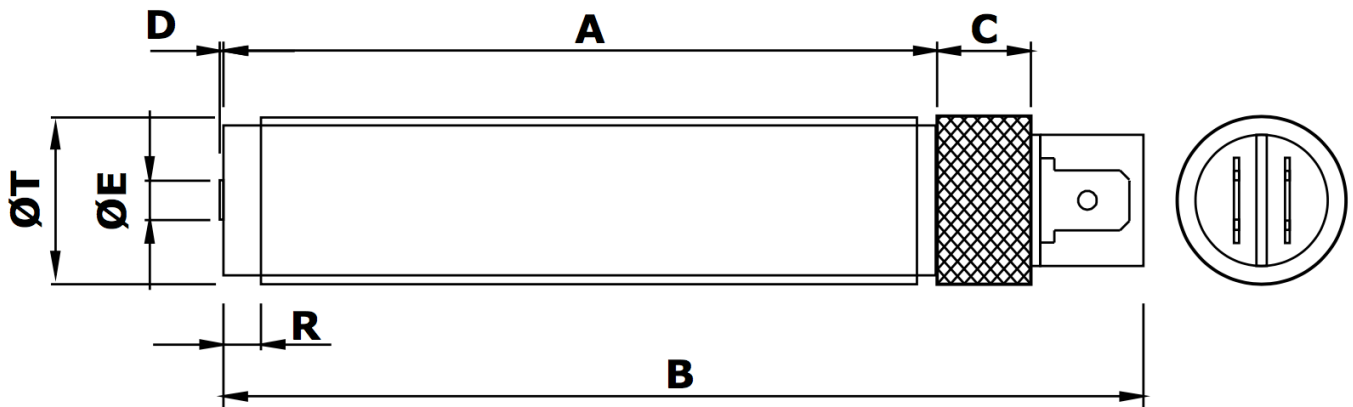


# MPU5876HX Magnetic Pickup



## Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>		<i>Part Number</i>
<b>A</b>	76	
<b>B</b>	98	
<b>C</b>	10 medium diamond knurl	
<b>D</b>	0.4 nominal	
<b>ØE</b>	Ø4.2 Pole Piece	
<b>R</b>	4 (thread removed to root) [see note 3]	
<b>ØT</b>	3/4" x 16 tpi UNF-2A	<b>MPU5876HX-I</b>
<b>or</b>	M18 x 1.5 6g	<b>MPU5876HX-M</b>
<b>Main body material</b>	Stainless Steel	
<b>End Bobbin face</b>	Polypropylene (colour coded – black for UNF thread, white for M18 thread)	
<b>Locknut</b>	1 off supplied as standard	

# Electrical specification

**Resistance** 1100Ω nominal @ 20°C

**Inductance** 430mH nominal

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

**Voltage output** 40V peak-peak [see note 1]

**Minimum speed** 15mm/second [see note 2]

**Termination** 2 x ¼" push-on blade terminal

**Mating connector** 2 x ¼" 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.
3. Lead-in threads reduced to root diameter to facilitate fitting to recessed mounting hole.

*Reliability, Guaranteed*



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