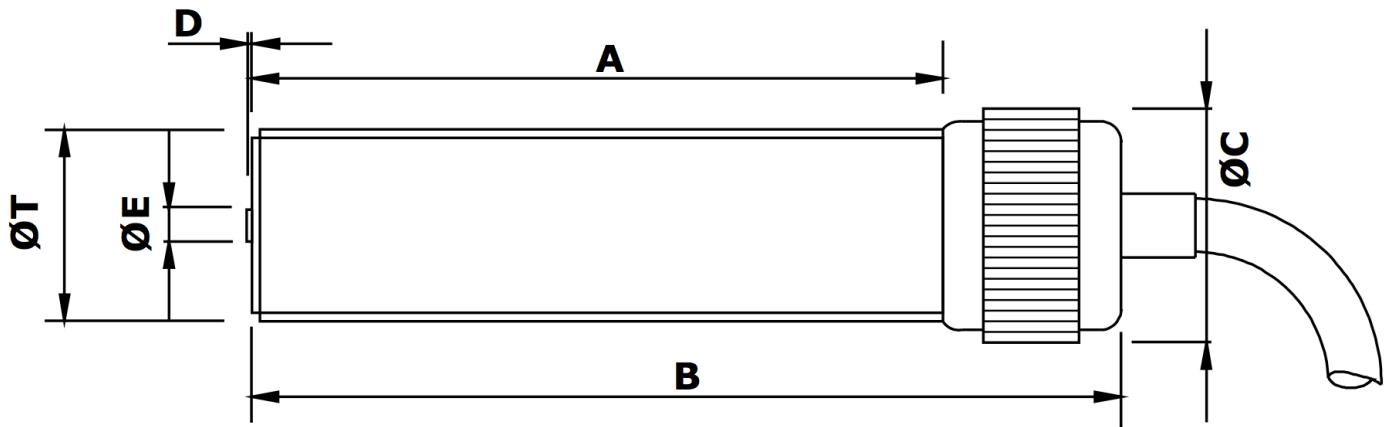


MPU1865 Magnetic Pickup



Mechanical specification

dimensions in mm unless otherwise stated

<i>Dimension</i>		<i>Part number</i>
A	65	
B	82 nominal	
ØC	Ø22 Medium straight knurled cap	
D	0.4 nominal	
ØE	Ø3.17 Pole Piece	
ØM	n/a	
ØT	3/4" x 16 tpi UNF-2A	MPU1865-I
or	M18 x 1.5 6g	MPU1865-M
Main body material	Stainless Steel	
End Bobbin face	Glass filled Nylon or Polypropylene	
Locknut	1 off supplied as standard	

Electrical specification

Resistance 350Ω nominal @ 20°C

Inductance 150mH nominal

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

Voltage output 20V peak-peak

Minimum speed 30mm/second

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

mpu1865 full v1.2 01/2020

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