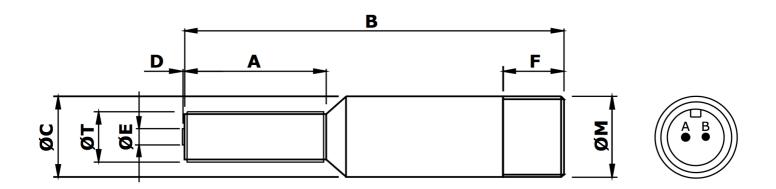
MPU4128 Magnetic Pickup



Mechanical specification dimensions in mm unless otherwise stated

Dimension		Part number
Α	28	
В	75 nominal	
ØС	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





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