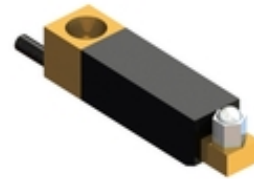


Datasheet BMT200

Articlenumber 1000064

Miniature Measuring Transducer dimension 7x7x32 mm with 73.75 mV/Vmm sensitivity and +/- 0.2 mm measuring stroke



Total Stroke, Measuring stroke, Temperatur range, Screw mounting, Mounting position, Tip, Sleeve and sealing, Plug, Cable feature, Cable information

Total Stroke	0.6 mm
Measuring stroke	± 0.20 mm
Temperatur range	-10 to +65 °C, storage and operation
Screw mounting	M2.5
Mounting position	any
Tip	3 mm tungsten carbide ball, M2.5 fixing thread, exchangeable
Sleeve and sealing	FPM Viton®
Plug	5 pin, 240°
Cable feature	PUR shielded, Length 2 m
Cable information	Outer- Ø 2.0 mm, drag chain compatible

Spring rate, Spring rate information

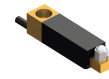
Spring rate	1.0 N
Spring rate information	at electrical zero, tolerance ± 30%

Repeatability, Linearity error

Repeatability	0.05 µm
Linearity error	1.0% FS (full-scale) ± 200 µm range (at 20 °C ± 1°C)

Datasheet BMT200

Articlenumber 1000064



Sensitivity, Amplifier input load, Drive frequency, Supply voltage, Coil scheme

Sensitivity	73.75 mV/(Vmm)
Amplifier input load	2 kOhm Input resistance, $\pm 0.1\%$
Drive frequency	13.0 kHz $\pm 5\%$
Supply voltage	3.0 V $\pm 0.5\%$ RMS
Coil scheme	Halfbridge, TESA® compatible

Documents information

Documents information	All drawings and 3D models are shown in "electrical zero" position.
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TECHNOLOGY LTD.



Innovative Measurement Technology Ltd

Unit 3E Vinnetrow Business Park
Vinnetrow Road, Chichester
West Sussex PO20 1QH
United Kingdom

E-mail: sales@imeasure.co.uk
E-mail: support@imeasure.co.uk
Tel: +44 (0) 1243 942010

www.innovative-measurement-technology.co.uk

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