

# Datasheet T802

Articlenumber 1002226

Halfbridge Block Gauge with 73.75 mm/Vmm sensitivity and  $\pm 1$  mm measuring stroke, Pretravel adjustable. Cable 2 m, cable exit radial.



## Total Stroke, Measuring stroke, Pretravel, Pretravel default setting, Bearing, Lifetime, Tip rotation, Temperatur range, Mounting position, Tips, Plug, Cable feature, Cable

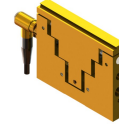
Total Stroke	6.0 mm
Measuring stroke	$\pm 1.0$ mm
Pretravel	adjustable
Pretravel default setting	- 1.2 mm
Bearing	Ball bearing, no side-play
Lifetime	> 10 Mio. Cycles
Tip rotation	1° over full stroke
Temperatur range	-10 to +65 °C, storage and operation
Mounting position	any
Tips	can be mounted
Plug	5 pin, 240°
Cable feature	PUR shielded, Length 2 m
Cable information	Outer- $\varnothing$ 4.0 mm, drag chain compatible

## Advance, Spring rate, Spring rate information, Spring rate optional, Optional pneumatic retraction and feed

Advance	mountable
Spring rate	1.0 N
Spring rate information	at electrical zero, tolerance $\pm 15\%$
Spring rate optional	0.4 N / 0.63 N / 1.6 N / 2.0 N / 2.5 N / 4.0 N
Optional pneumatic retraction and feed	Pneumatic cylinder assembly T800/88000

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Repeatability, Linearity error	
Repeatability	0.01 $\mu\text{m}$
Linearity error	0.25% FS (full-scale) $\pm$ 1000 $\mu\text{m}$ range (at 20 °C $\pm$ 1°C)

Sensitivity, Setting, Amplifier input load, Supply voltage, Drive frequency, Coil scheme	
Sensitivity	73.75 mV/(Vmm)
Setting	1:1
Amplifier input load	2 kOhm Input resistance, $\pm$ 0.1%
Supply voltage	3.0 V $\pm$ 0.5% RMS
Drive frequency	13.0 kHz $\pm$ 5%
Coil scheme	Halfbridge, TESA® compatible

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

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