

Primo™ LTS (length tool setter)



www.renishaw.com/primolts

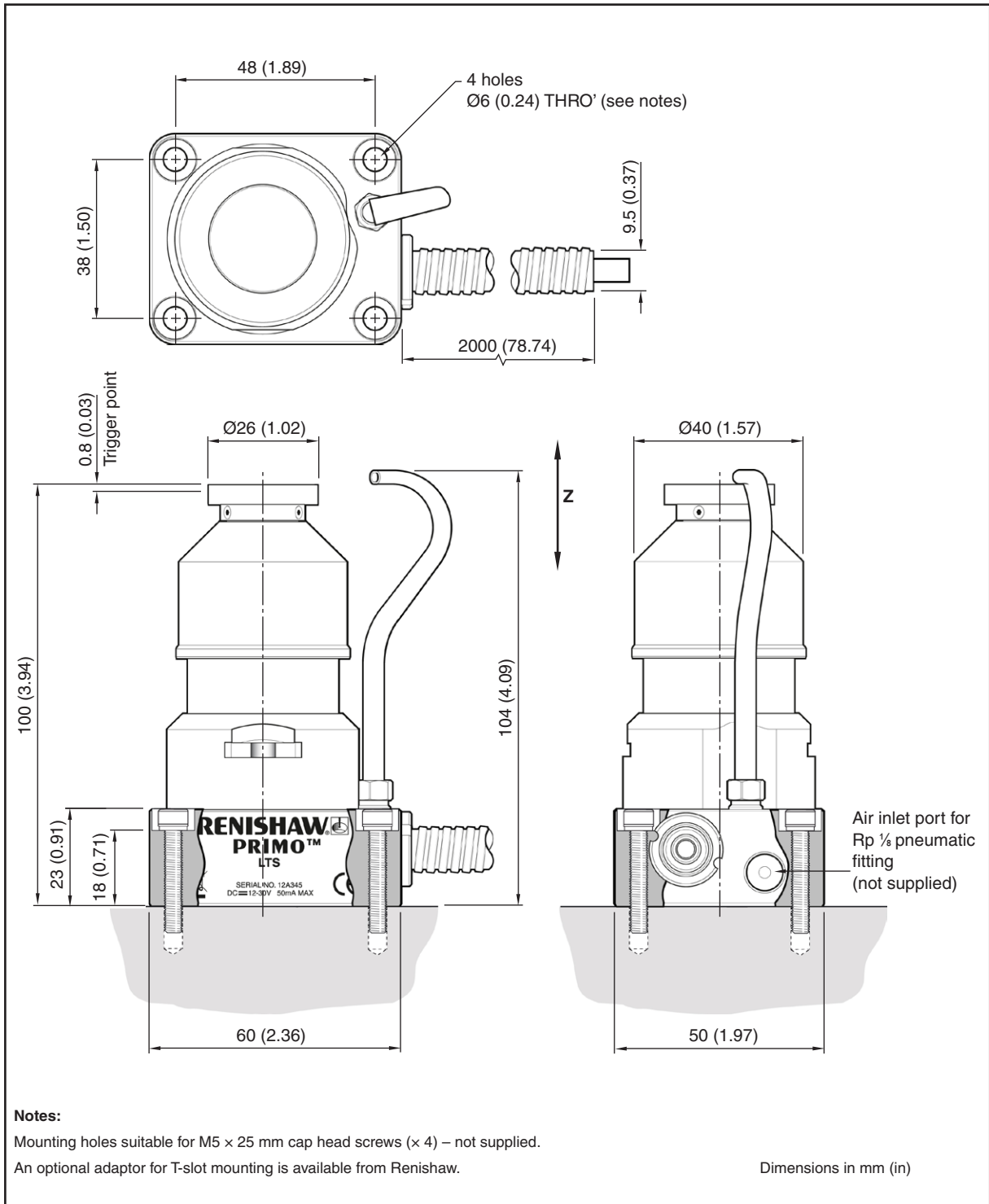
Specification

Principal application	Tool length setting, broken tool detection and thermal compensation on all sizes of CNC machines.	
Tool compatibility	Static cutting tools down to Ø0.1 mm (Ø0.004 in).	
Dimensions	Height	100 mm (3.93 in) nominal
	Width	60 mm (2.36 in)
	Depth	50 mm (1.96 in)
	Contact pad	Ø26 mm (1.02 in)
Weight	Including cable and conduit	726 g (25.61 oz)
		835 g (29.45 oz) – raised air blast
Transmission type	Hard-wired	
Interface	Integrated interface 12 to 30 Vdc capable of supplying 50 mA minimum.	
Cable	Specification	Ø5 mm (0.2 in), 7-core screened cable, each core 7 × 0.1 mm
	Length	8 m (26.24 ft)
	Dynamic bend radius	35 mm (1.38 in) minimum
Sense directions	+Z axis	
Repeatability	0.75 µm (30 µin) 2σ	
Contact pad trigger force	3 N / 306 gf (10.79 ozf) Z direction	
Trigger position (from rest)	Z axis	0.8 mm (0.03 in) nominal
Overtravel switch position (from rest)	Z axis	7.5 mm (0.29 in) nominal
Hard stop position (from rest)	Z axis	12 mm (0.47 in) nominal
Mounting	M5 × 25 mm cap head screws (× 4) – not supplied	
Environment	IP rating	IPX6, IPX8 (EN/IEC 60529)
	Storage temperature	-25 °C to +70 °C (-13 °F to +158 °F)
	Operating temperature	+5 °C to +55 °C (+41 °F to +131 °F)

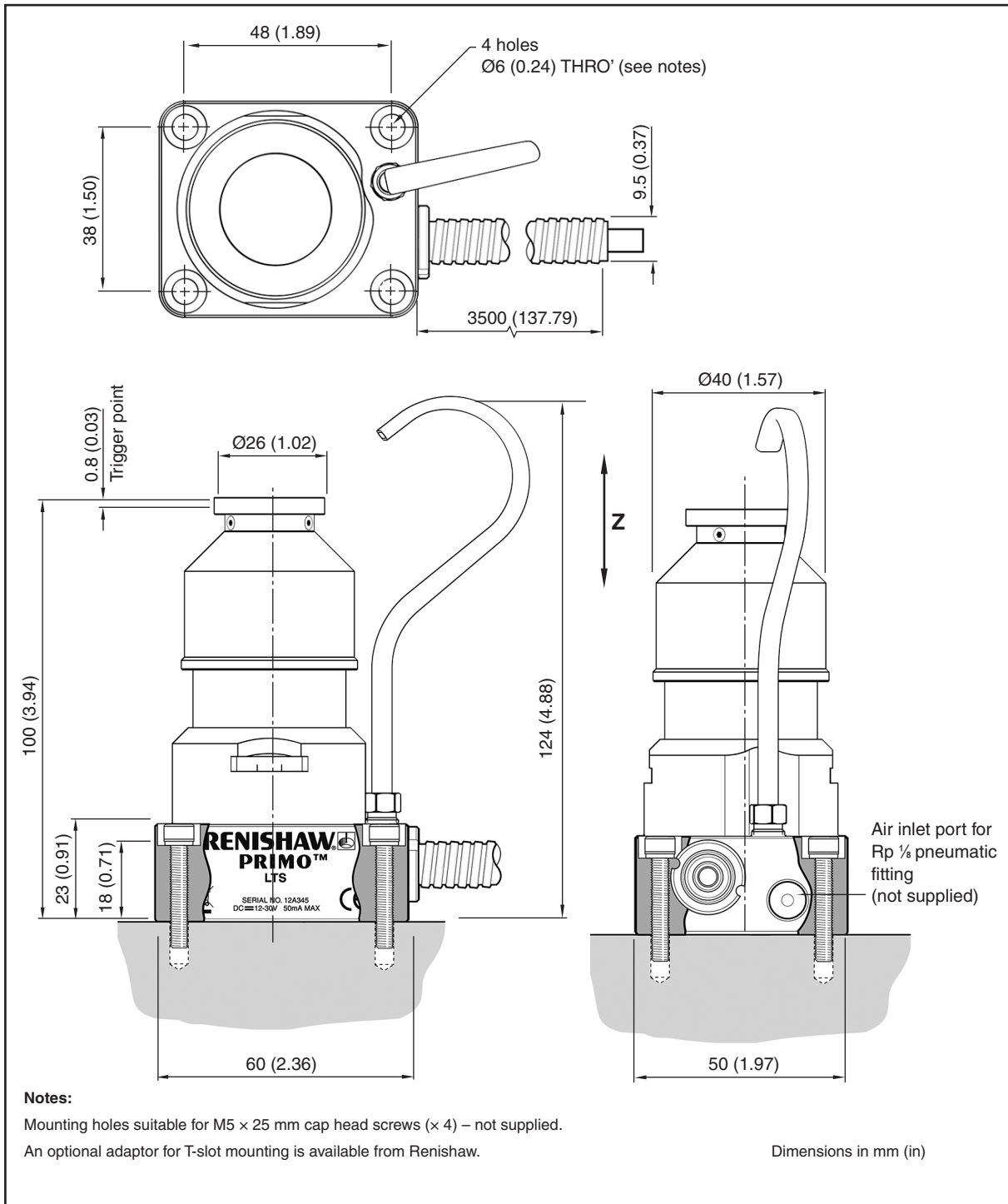
LTS application software is available for download from www.renishaw.com/primodownloads.

For further information and the best possible application and performance support please contact Renishaw or visit www.renishaw.com/primolts

Primo LTS dimensions



Primo LTS dimensions (raised air blast)



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