

# MI 8-4 interface unit

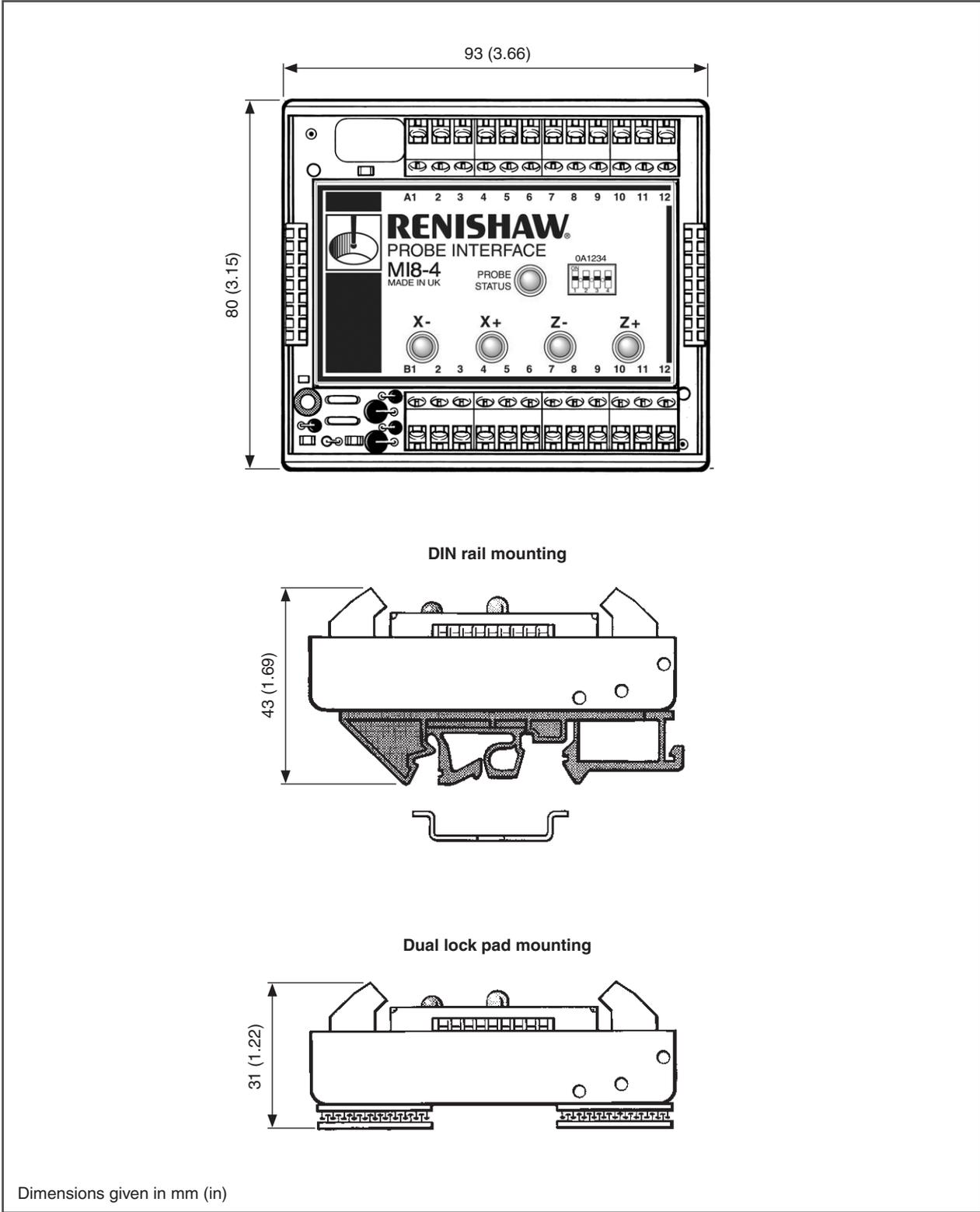


## Specification

<b>Principal application</b>	Transmission interface for hard-wired workpiece inspection and tool setting probes which conveys and processes signals between a probe and the CNC machine controller.	
<b>Transmission type</b>	Hard-wired	
<b>Probes per system</b>	Two	
<b>Compatible probes</b>	LP2 and variants, TS20, TS27R and TS34	
<b>Supply voltage</b>	15 Vdc to 30 Vdc.	
<b>Supply current</b>	80 mA maximum (each XAE/ZAE output connection will add to the supply current). Supply protected by internal fuse FS1.	
<b>Output signal</b>	<p><b>Probe status</b> Isolated 'totem-pole' transistor output, configurable to normally high or normally low. Configurable as TTL compatible.</p> <p><b>Four selectable axis outputs</b> Non-isolated 'totem-pole' transistor output, configurable to normally high or normally low.</p>	
<b>Output protection</b>	10 mA maximum at 30 V. All outputs are protected against short circuit by current limiting circuitry.	
<b>Diagnostic LEDs</b>	Probe status, axis movement (Z+, Z-, X-, X+)	
<b>Mounting</b>	DIN rail mounting or dual lock pads.	
<b>Environment</b>	Storage temperature	-25 °C to +70 °C (-13 °F to +158 °F)
	Operating temperature	+5 °C to +55 °C (+41 °F to +131 °F)

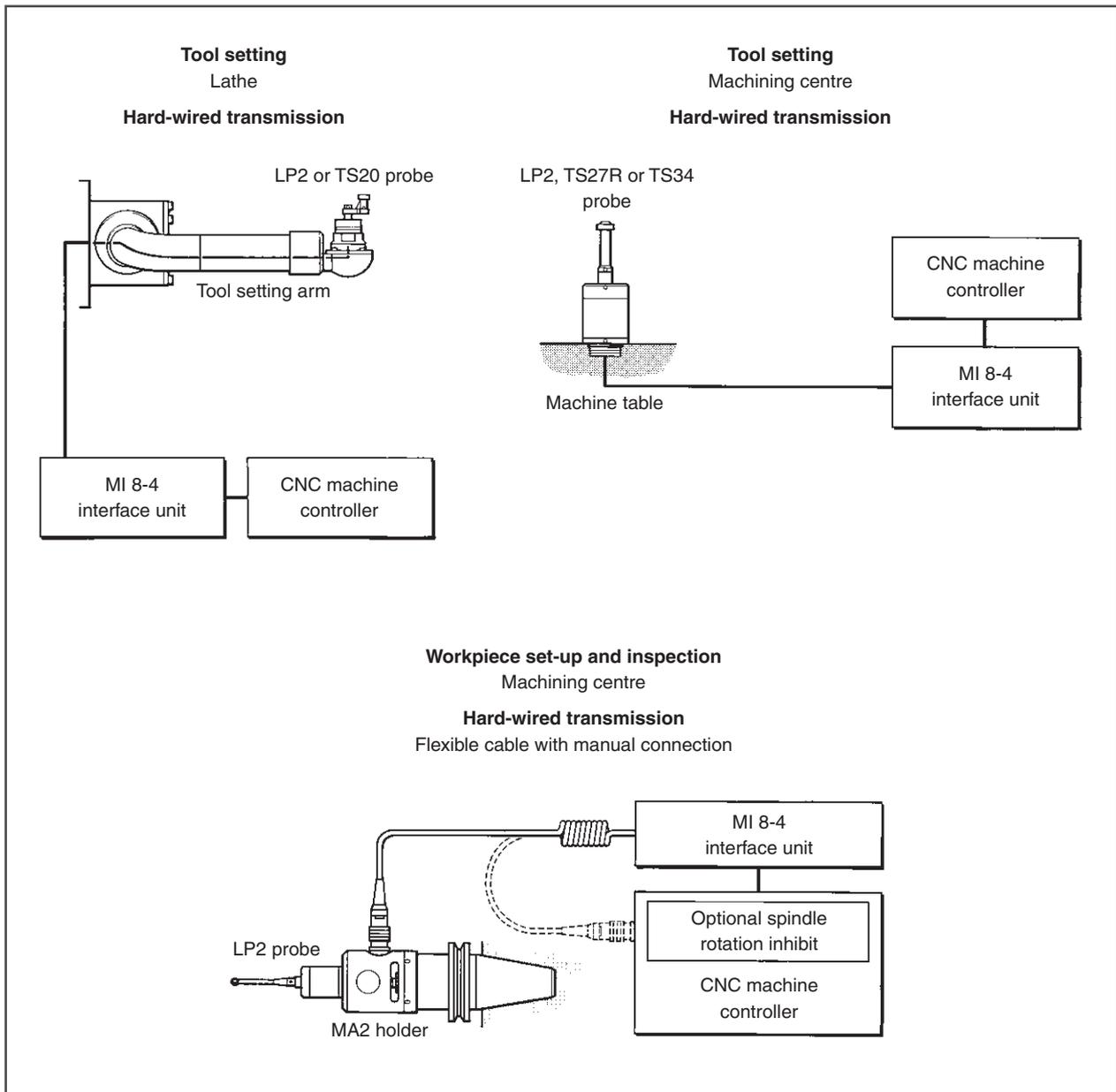
For further information and the best possible application and performance support, contact Renishaw or visit [www.renishaw.com/mi8-4](http://www.renishaw.com/mi8-4)

# Dimensions



Dimensions given in mm (in)

## Typical installations



## Spare parts and accessories

A full range of spare parts and accessories is available. Contact Renishaw for a full list.

[www.renishaw.com/contact](http://www.renishaw.com/contact)

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