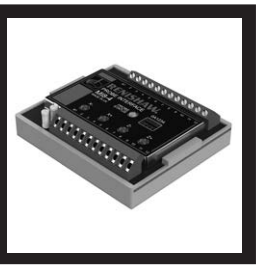
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MI 8-4 interface unit

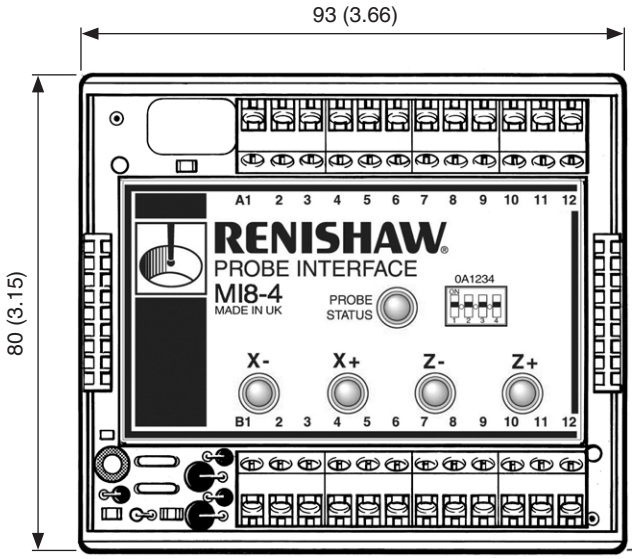


Specification

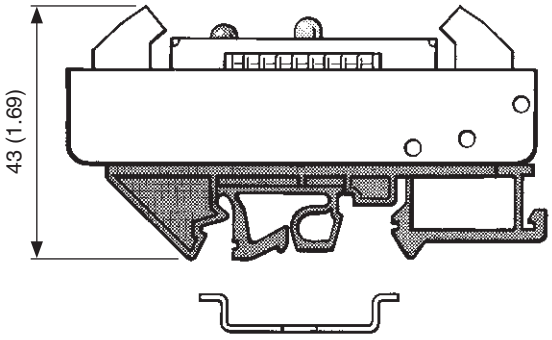
Principal application	Transmission interface for hard-wired workpiece inspection and tool setting probes which conveys and processes signals between a probe and the CNC machine controller.	
Transmission type	Hard-wired	
Probes per system	Two	
Compatible probes	LP2 and variants, TS20, TS27R and TS34	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

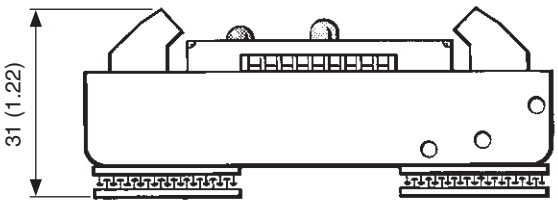
Dimensions



DIN rail mounting



Dual lock pad mounting



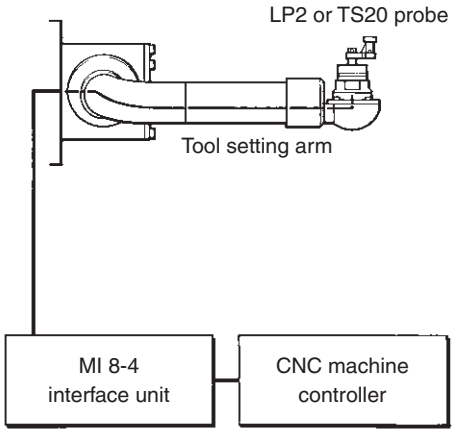
Dimensions given in mm (in)

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Typical installations

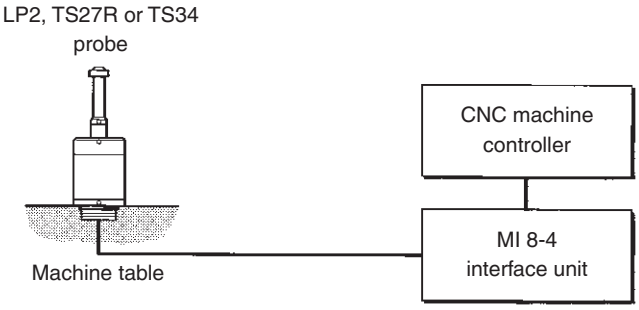
Tool setting
Lathe

Hard-wired transmission



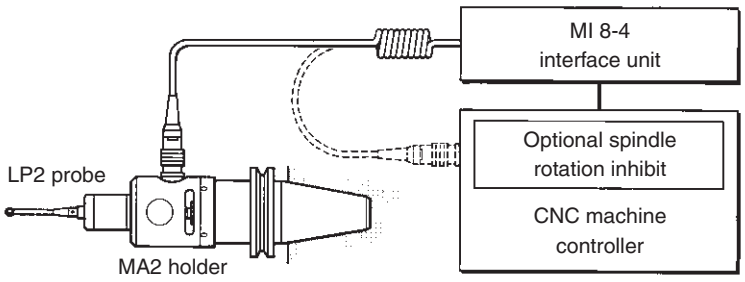
Tool setting
Machining centre

Hard-wired transmission



Workpiece set-up and inspection
Machining centre

Hard-wired transmission
Flexible cable with manual connection



Spare parts and accessories

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

www.renishaw.com/contact

#renishaw

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