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HSI hard-wired system interface

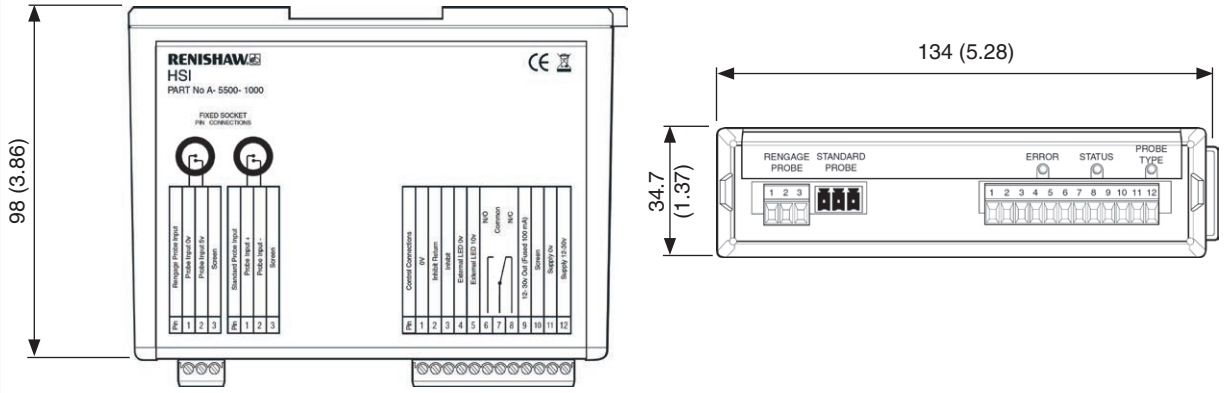


Specification

Principal application	The HSI processes signals from RENGAGE™ probes or standard probes and converts them into voltage-free solid-state relay (SSR) outputs, which are then transmitted to the CNC machine controller.	
Transmission type	Hard-wired	
Probes per system	One	
Compatible probes	MP250, LP2, TS27R, TS20, TS34 and RP3	
Supply voltage	12 Vdc to 30 Vdc	
Supply current	40 mA @ 12 V, 23 mA @ 24 V	
Output signal	**Probe status** Voltage-free solid-state (SSR) output, configurable normally open or normally closed.	
Mounting	DIN rail. Alternative mounting using screws.	
Input/output protection	SSR output is protected by overcurrent circuitry, the output current should not exceed 50 mA. Power input is protected by a 140 mA resettable fuse.	
Diagnostic LEDs	Error, Status and Probe type. Connection provided for remote device (LED or buzzer).	
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)

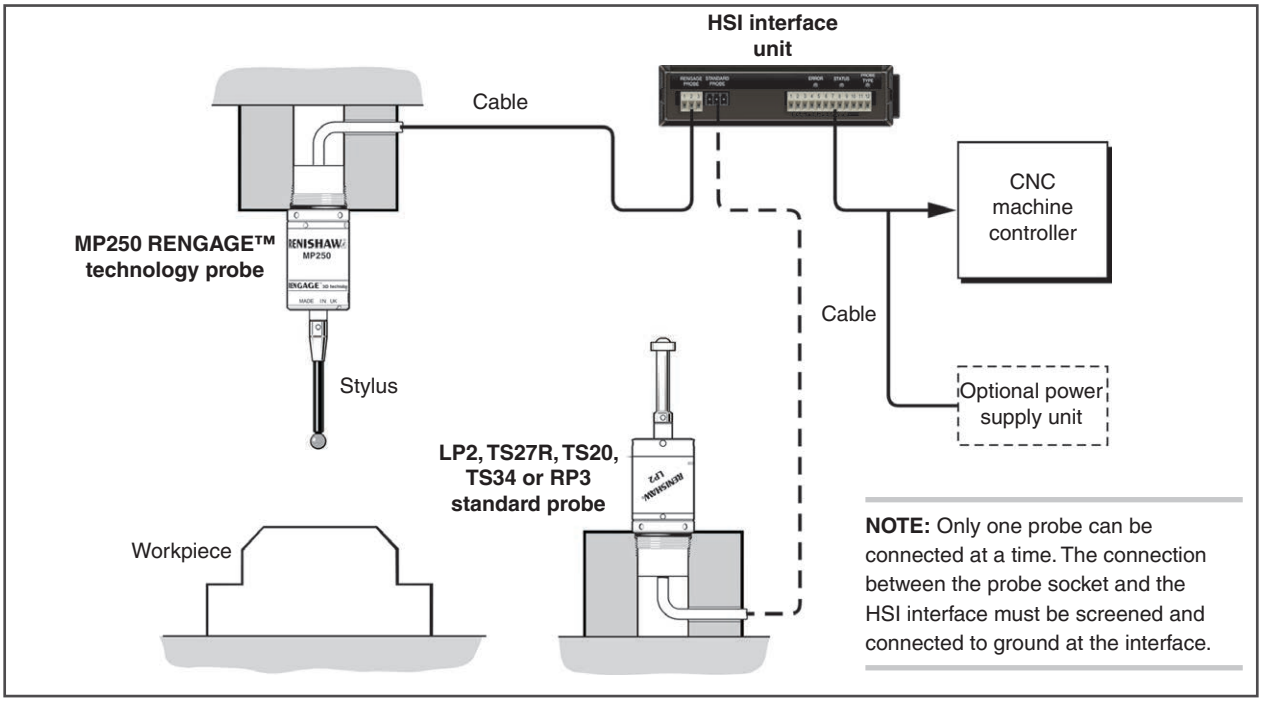
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HSI dimensions



Dimensions given in mm (in)

Typical HSI system



Spare parts and accessories

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

www.renishaw.com/hsi **#renishaw**

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