

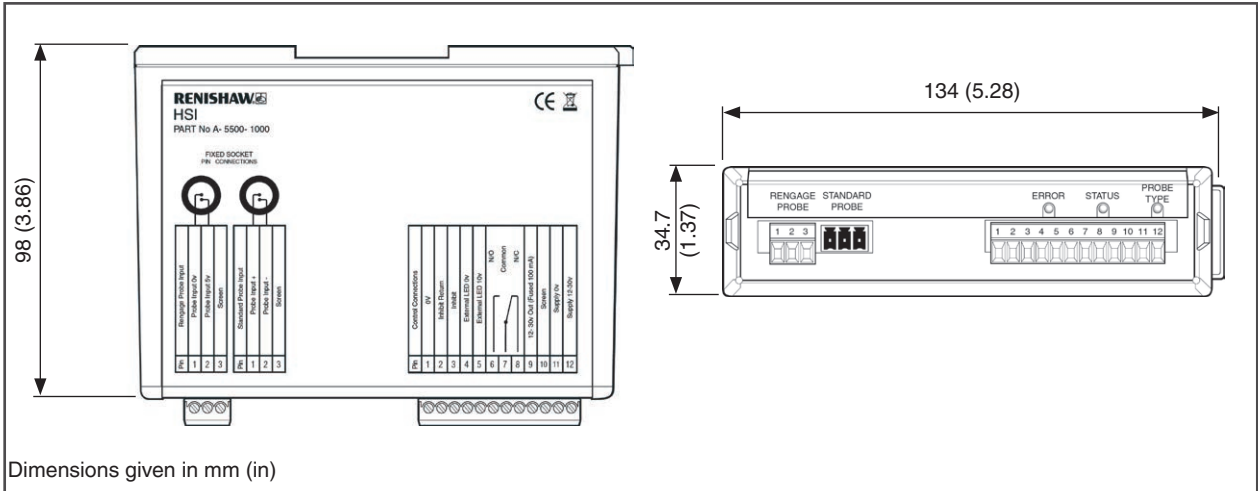
# HSI hard-wired system interface



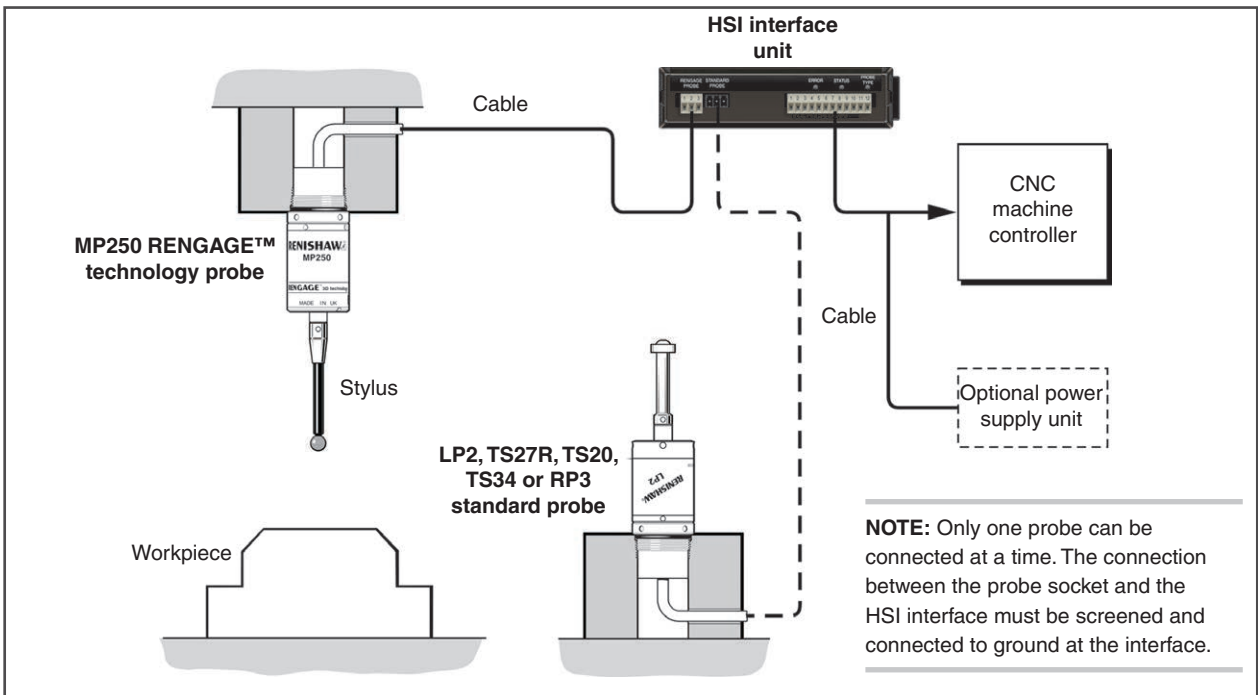
## Specification

<b>Principal application</b>	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.	
<b>Transmission type</b>	Hard-wired	
<b>Probes per system</b>	One	
<b>Compatible probes</b>	MP250, LP2, TS27R, TS20, TS34 and RP3	
<b>Supply voltage</b>	12 Vdc to 30 Vdc	
<b>Supply current</b>	40 mA @ 12 V, 23 mA @ 24 V	
<b>Output signal</b>	<b>Probe status</b> Voltage-free solid-state (SSR) output, configurable normally open or normally closed.	
<b>Mounting</b>	DIN rail. Alternative mounting using screws.	
<b>Input/output protection</b>	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.	
<b>Diagnostic LEDs</b>	Error, Status and Probe type. Connection provided for remote device (LED or buzzer).	
<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)

## HSI dimensions



## 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](http://www.renishaw.com/hsi)

#renishaw

+44 (0) 1453 524524

uk@renishaw.com

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