

# HSI-C

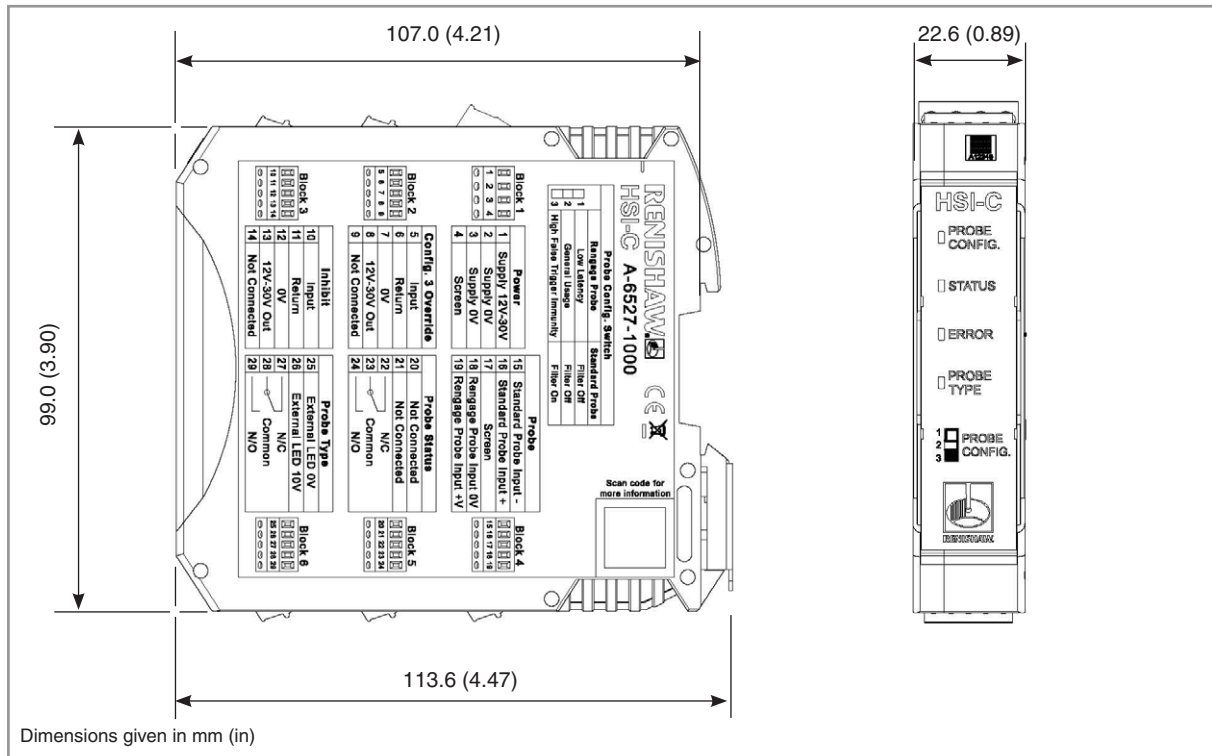

[www.renishaw.com/hsi-c](http://www.renishaw.com/hsi-c)

## Specification

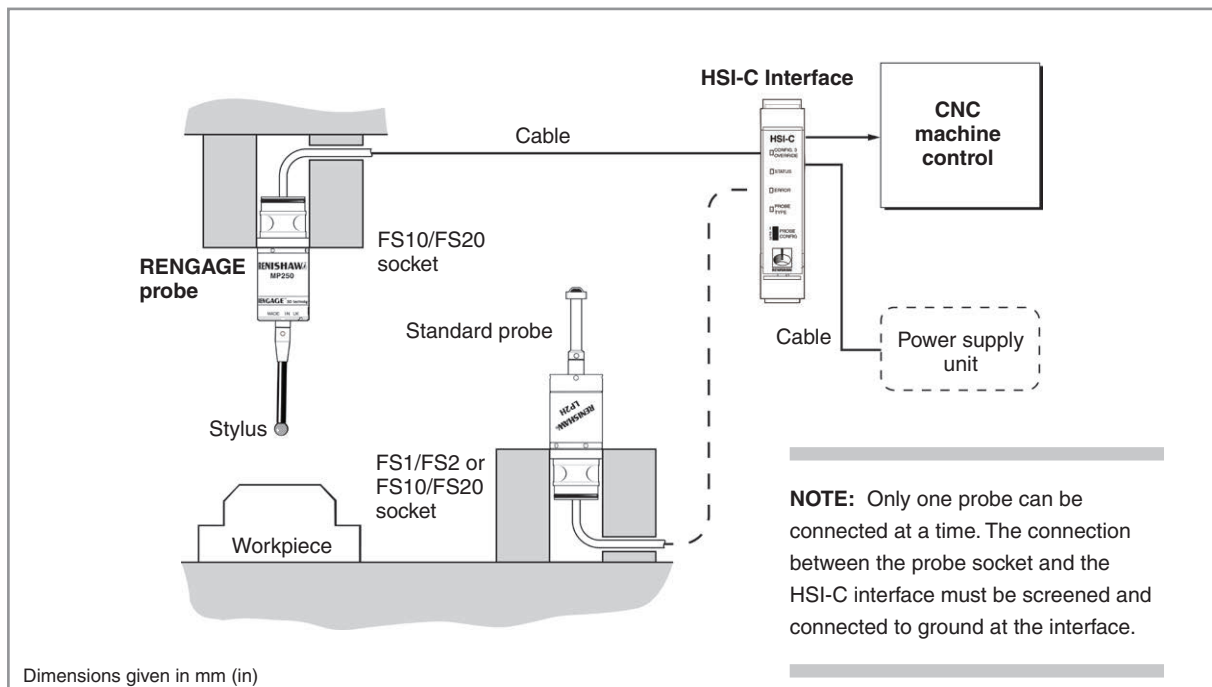
<b>Principal application</b>	The HSI-C processes signals from RENGAGE or standard hard-wired probes and converts them into voltage-free solid-state relay (SSR) outputs, which are then transmitted to the CNC machine controller.	
<b>Transmission type</b>	Hard-wired	
<b>Probes per system</b>	One	
<b>Compatible probes</b>	MP250 and LP2	
<b>Supply voltage</b>	12 Vdc to 30 Vdc	
<b>Supply current</b>	110 mA @ 12 Vdc, 80 mA @ 24 Vdc	
<b>Outputs</b>	Probe Status SSR, Probe Type SSR	
<b>Inputs</b>	Probe Inhibit, Config. 3 Override	
<b>Output signal</b>	Voltage-free SSR output, normally open or normally closed.	
<b>Input/output protection</b>	SSR output is protected by an electric circuit which limits the current to 60 mA. Power input is protected by a 140 mA resettable fuse.	
<b>Diagnostic LEDs</b>	ERROR, STATUS, PROBE TYPE and PROBE CONFIG. Connection provided for remote device (LED or buzzer).	
<b>Probe operating configurations</b>	For LP2 a trigger filter can be selected to reduce false triggers caused by machine vibration. For second generation MP250, a low latency configuration, or a high false trigger resistant configuration may be selected.	
<b>Mounting</b>	DIN rail.	
<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 please contact Renishaw or visit [www.renishaw.com/hsi-c](http://www.renishaw.com/hsi-c)

## HSI-C dimensions



## Typical HSI-C installation



## Spare parts and accessories

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

**For worldwide contact details,  
visit [www.renishaw.com/contact](http://www.renishaw.com/contact)**

