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HSI-C



www.renishaw.com/hsi-c

Specification

Principal application	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.	
Transmission type	Hard-wired	
Probes per system	One	
Compatible probes	MP250, LP2, TS27R, RP3, TS20, TS34	
Supply voltage	12 Vdc to 30 Vdc	
Supply current	110 mA @ 12 Vdc, 80 mA @ 24 Vdc	
Outputs	Probe status SSR, Probe type SSR	
Inputs	Probe inhibit, Config. 3 override	
Output signal	Voltage-free SSR output, normally open or normally closed.	
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, probe type and probe config. Connection provided for remote device (LED or buzzer).	
Probe operating configurations	For standard probes, 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.	
Mounting	DIN rail	
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/hsi-c

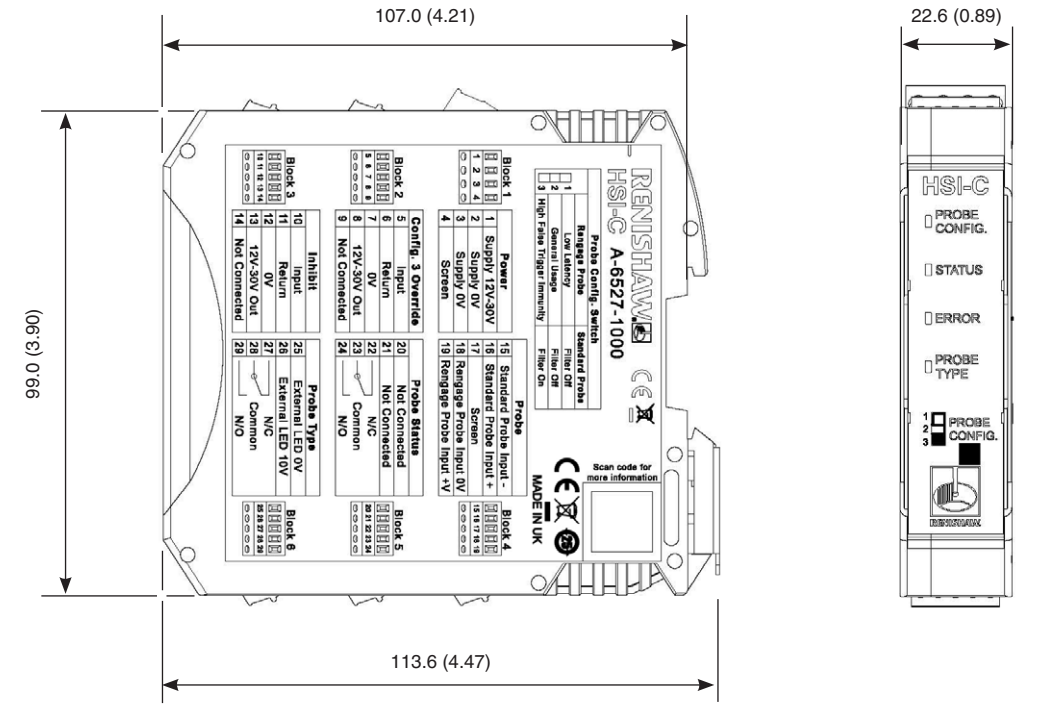
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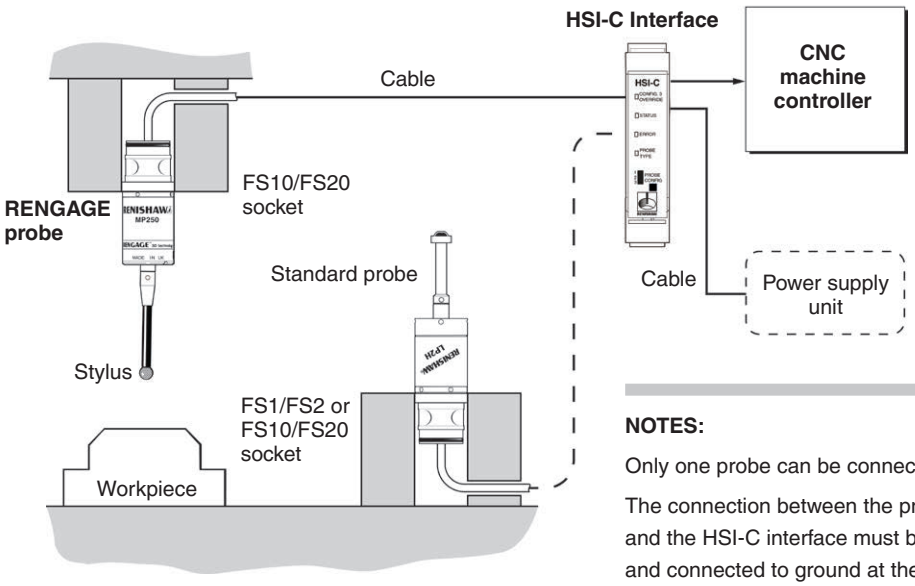
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HSI-C dimensions



Dimensions given in mm (in)

Typical HSI-C installation



NOTES:

Only one probe can be connected at a time.

The connection between the probe socket and the HSI-C interface must be screened and connected to ground at the interface.

Spare parts and accessories

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

For worldwide contact details, visit www.renishaw.com/contact

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