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HSI high speed interface

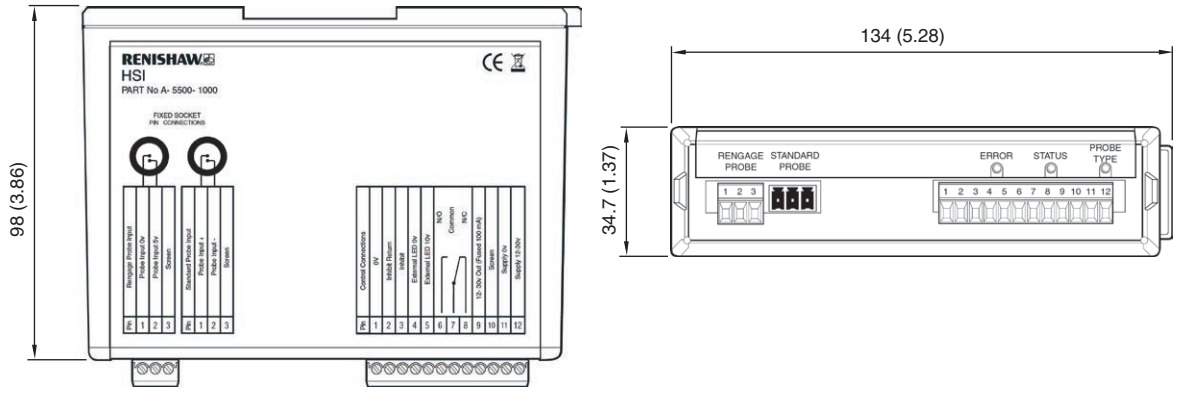
www.renishaw.com/hsi

Specification

Principal application	The HSI processes signals from RENGAGE™ or standard hard-wired probes and converts them into machine outputs, which are then transmitted to the CNC control.
Transmission type	Hard-wired
Probes per system	One
Compatible probes	MP250, LP2, TS27R, TS34 and RP3
Supply voltage	11 Vdc to 30 Vdc
Supply current	40 mA @ 12 V, 23 mA @ 24 V
Output signal	**Probe Status** Voltage-free solid-state relay (SSR) output, configurable normally open or normally closed.
Input/output protection	Supply protected by resettable fuse. Outputs protected by overcurrent protection circuit.
Diagnostic LEDs	Error, status and probe type. Connection provided for remote device (LED or buzzer).
Probe vibration filter	A trigger delay circuit (8 ms) helps to reduce false triggers caused by machine vibration
Mounting	DIN rail mounting. Alternative mounting using screws.
Operating temperature	+5 °C to +55 °C (+41 °F to +131 °F)

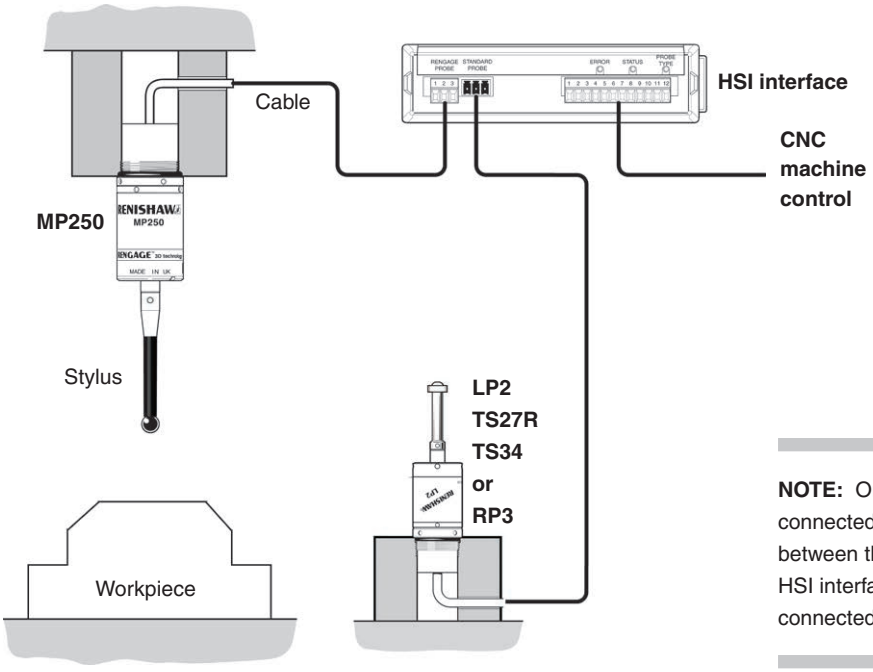
For further information and the best possible application and performance support please contact Renishaw or visit **www.renishaw.com/hsi**

HSI dimensions



Dimensions given in mm (in)

Typical HSI system



NOTE: Only one probe can be connected at a time. The connection between the probe socket and the HSI interface must be screened and connected to ground at the interface.