



# GYGS (probe) GYHC (controller)

**Product code:** GYGS/GYHC

**Manufacturer:** Santest

GYGS are a serie of probe in which the sensor head is extremely thin (20mm thick). It adopts new method of detecting magnetostrictive phenomena. When applied to hydraulic cylinder, its total length becomes space saving.

GYGS probe is used in combination with the GYHC controller which provides velocity output or digital output.

<b>Power Supply</b>	+24 (±2)VDC (100mA)
<b>Sampling frequency</b>	Std 1kHz
<b>Cable</b>	Std 1.5m (Option max. 100m)
<b>IP Index</b>	IP67
<b>Non-linearity</b>	≤± 0.025%FS TYP
<b>Max pressure</b>	35MPa (rod type)
<b>Repeatability</b>	≤0.01%FS
<b>Resolution</b>	≤0.01%FS
<b>Shock</b>	50G (2msec)
<b>Temp. drift</b>	≤±40ppmFS/°C (probe) ≤±50ppmFS/°C (controller)
<b>Working temperature</b>	From -20°C to +80°C
<b>Output type</b>	0-10V o 10V-0 / 4-20mA o 20-4mA
<b>Vibration</b>	6G