



## GYMS (probe) / GYHC (controller)

**Product code:** GYMS/GYHC  
**Manufacturer:** Santest

The magnetostrictive transducer of GYMS series is the standard compact type, with the following characteristics:

Linearity:  $\leq \pm 0.025\%FS$

Protection: IP67

The probe GYMS can be associated with the controller GYHC, 0-10V o 4-20mA.

<b>Power Supply</b>	+24 ( $\pm 2$ )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>	$\leq \pm 0.025\%FS$ TYP
<b>Max pressure</b>	35MPa (rod type)
<b>Repeatability</b>	$\leq 0.01\%FS$
<b>Resolution</b>	$\leq 0.01\%FS$
<b>Shock</b>	50G (2msec)
<b>Temp. drift</b>	$\leq \pm 40ppmFS/^\circ C$ (probe) $\leq \pm 50ppmFS/^\circ C$ (controller)
<b>Working temperature</b>	From $-20^\circ C$ to $+80^\circ C$
<b>Output type</b>	0-10V o 10V-0 / 4-20mA o 20-4mA
<b>Vibration</b>	6G