



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.

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