

GYMR5 probe has compact sensor head compared with GYCRS probe, yet realizing the same technical specifications and completely compatible. Radial cable-out renders mechanical compactness, especially when mounted inside cylinders. GYMR5 probe is used in combination with GYFC2 or GYHC controller, which provides analogue output and GYDC-05 controller, which provides digital output.



Specifications

Accuracy	Non-linearity	< $\pm 0.025\%$ FS TYP
	Resolution	analogue: 16bit (with GYHC) digital: Min.1 μ m (with GYDC-05)
	Repeatability	< $\pm 0.01\%$ FS TYP
	Temp drift	20ppm FS/ $^{\circ}$ C
Environment	Admissible press.	35MPa (probe rod)
	Operating Temp	-20 $^{\circ}$ C ~ +80 $^{\circ}$ C
	Storage Temp	-40 $^{\circ}$ C ~ +80 $^{\circ}$ C
	Vibration	6G (or 40Hz 2mmPP)
	Shock	100G (2msec)
	Protection	IP64
Cable length		0.5m (Standard) (Option Max.200m)

- The above mentioned accuracy applies to sensors with an effective stroke of 300mm or more.
- Resolution depends on the controller combined.

Model No.

GYMR5-□□□□-□-G□

① ② ③

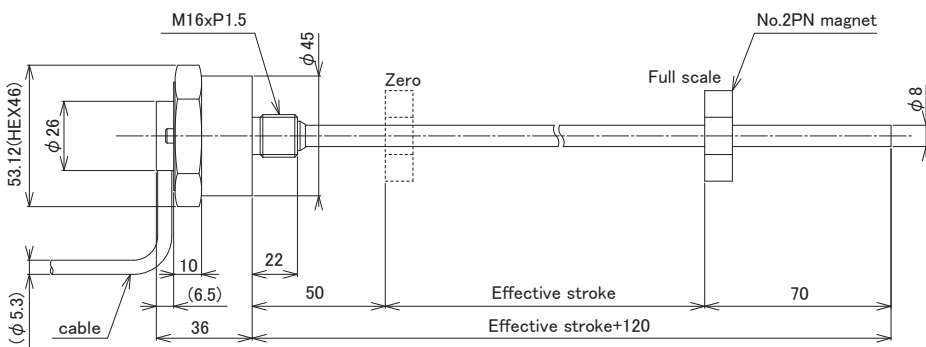
- ① Effective stroke ③ Cable length (m)
15mm ~ 2000mm Standard: 0.5m (Max.200m)

- ② Thread
K8: M16xP1.5, rod ϕ 8 (Standard)
M: M24xP1.0, rod ϕ 10
N: M18xP1.5, rod ϕ 10

※ In case user select a sensor with an effective stroke of 1000mm or more, we recommend the sensor of rod ϕ 10.

- ◆ Combined controller
Analogue output type: GYHC (P.19), GYFC2 (P.20)
Digital output type: GYDC-05 (P.21)
With LED Display: GKS-01 (P.23)

Dimensions



- Material probe head: SS304, probe rod: SS304
- Standard magnet: No.2PN
Other magnets are available from Magnet Grouping「GG」(P.33).
- The tip dead zone length (70mm) depends on the magnet or float type.