

GYKS series are another model for previous GYKM-LT/LS.
Through the body, $\phi 25\text{mm} \times \text{height } 22.5\text{mm}$ is achieved without head parts $\phi 37$ of GYKM-LT/LS series, thus smart design is enjoyed.
Two types are available: sliding magnet type and floating magnet type.



Specifications

Accuracy	Non-linearity	$< \pm 0.025\% \text{FS TYP}$
	Resolution	$< 0.01\% \text{FS}$
	Repeatability	$< \pm 0.01\% \text{FS}$
	Temp drift	$< 50 \text{ppm FS}/^\circ\text{C}$
Output	Voltage output	0~10V or 10~0V (output current: Max.5mA, load: Min.2k Ω)
	Current output	4~20mA or 20~4mA (load: Min.500 Ω)
Power supply		+24 (± 2)VDC (100mA)
Frequency response		Std 1kHz (depending on stroke) sampling
Environment	Operating Temp	0 $^\circ\text{C}$ ~+65 $^\circ\text{C}$
	Storage Temp	-20 $^\circ\text{C}$ ~+65 $^\circ\text{C}$
	Vibration	3G (or 40Hz 1mmPP)
	Shock	10G (2msec)
	Protection	IP65

• The above mentioned accuracy applies to sensors with an effective stroke of 300mm or more.

Model No.

GYKS-□□□□-□□-□
 ① ②③④

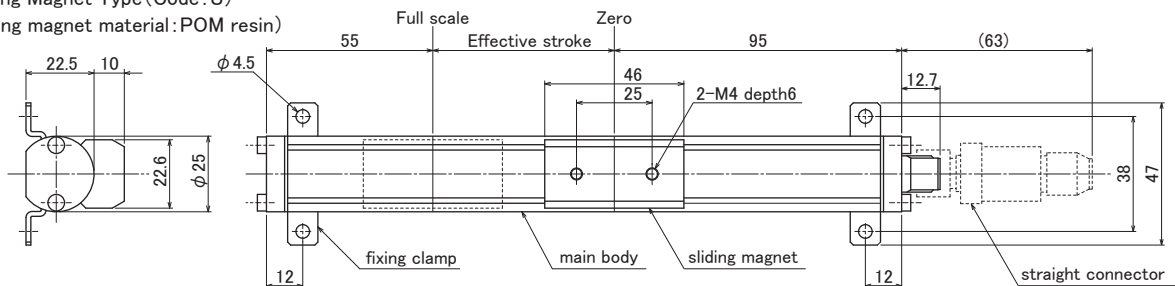
- ① Effective stroke 15mm~2500mm
- ② Output
A: 0~10V
B: 4~20mA
- ③ Direction of output (toward probe tip)
D: output data increase
R: output data decrease
- ④ Magnet type
U: sliding magnet type
T: floating magnet type (Gap 1mm)
TS: floating magnet type (Gap 4mm)
TW: floating magnet type (Gap 8mm)

- Fixing clamps are supplied.
stroke < 600mm : 4 pcs
600~1000mm : 6 pcs
1001~1500mm : 8 pcs
1501~2500mm : 10 pcs
- Connector: Omron XS2C-D4S1 (straight type)
or D4S2(L type) (Material: PBT plastic)

Dimensions

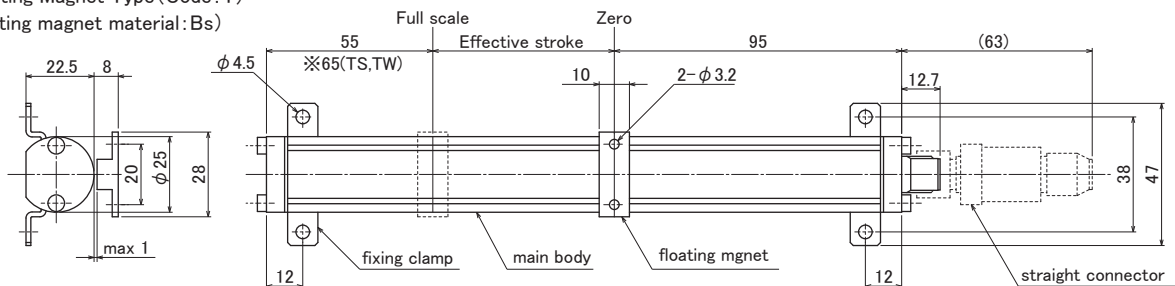
Sliding Magnet Type (Code: U)

(sliding magnet material: POM resin)



Floating Magnet Type (Code: T)

(floating magnet material: Bs)



- Main body material is Al Shapes.
- The length of the cable should be less than 10m in case of using the voltage output type and 100m in case of using the current output type.
- Applied cable diameter: $\phi 5 \sim \phi 6$, Wire size: 0.18~0.75mm²
- Special floating magnets, which allow 4mm or 8mm gap between sensor body and floating magnet are available. Consult factory.
- Other option of flexible rod type is available (P.26).