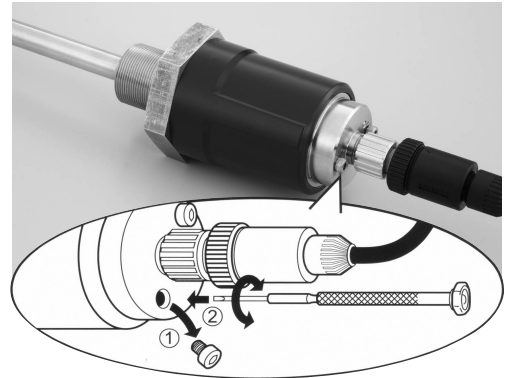


GYLS-T GYLT-T Probe

All-in-one Probe
With Output Adjustment Function

• GYLS/LT series has now “T” version which offers zero/full scale adjust trimmer at rear end of sensor head. Through the holes you can easily adjust by screw driver.

Cover screw of the holes guarantee protection grade IP67.



Specifications

Accuracy	Non-linearity	< ±0.025%FS TYP
	Resolution	< 0.01%FS
	Repeatability	< ±0.01%FS
	Temp drift	< 40ppm FS/°C
Output	Voltage output	Model: GYLS-T 0~10V or 10~0V (output current: Max.5mA, load: Min.2kΩ)
	Current output	Model: GYLT-T 4~20mA or 20~4mA (load: Min.500Ω)
Power supply		+24(±2)VDC (50mA)
Frequency response		Std 1kHz (depending on stroke) sampling
Environment	Admissible press.	35MPa (probe rod)
	Operating Temp	-20°C~+80°C
	Storage Temp	-40°C~+80°C
	Vibration	6G (or 40Hz 2mmPP)
	Shock	50G (2msec)
Protection		IP67 (10kPa, 30min)

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

Model No.

GYLS-T $\square\square\square\square$ -A $\square-\square\square-\square$
GYLT-T $\square\square\square\square$ -B $\square-\square\square-\square$
① ② ③ ④ ⑤

① Effective stroke
15mm~3000mm

② Direction of output
(toward probe tip)
D: output data increase
R: output data decrease

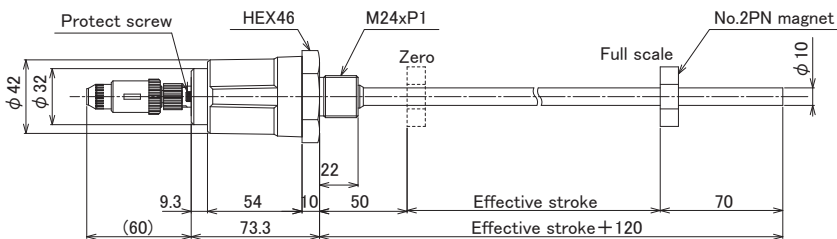
③ Thread
M: M24xP1.0 (Standard)
N: M18xP1.5
U: 3/4-16UNF

④ Sensor rod diameter
blank: φ10 (Standard)
8: φ8
14: φ13.8

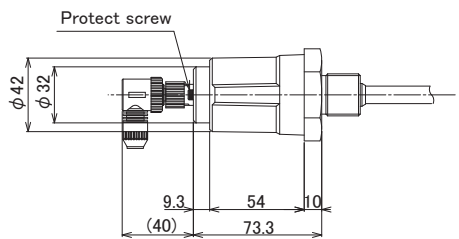
⑤ Cable connection
CN: Connector
• Connector: straight or angle type
• Connector: only counter connector is supplied. In case cable needed, specify cable length.

Dimensions

■ Straight connector type (Standard)



■ L type connector (Option)



- Material probe head: Al diecast, 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.
- 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.
- Connector: Omron XS2C-D4S1 (straight type) or D4S2 (L type) (Material: PBT plastic)
- Applied cable diameter: φ5~φ6, Wire size: 0.18~0.75mm²
- When you adjust output, you need a flathead screwdriver (width: 1.6mm).
When you dismount protect screw, you need a hex wrench (2.5mm).
- Adjustable scope: ±3%FS
- This series connector type only.

Connection

- 1 DC24V
- 2 0V
- 3 Output (Current or Voltage)
- 4 COM

※Shield should be connected with 0V at user side.

※0V and COM are connected in the head.