

FP-7000

FLOAT TYPE LEVEL SWITCH FOR MARINE USE

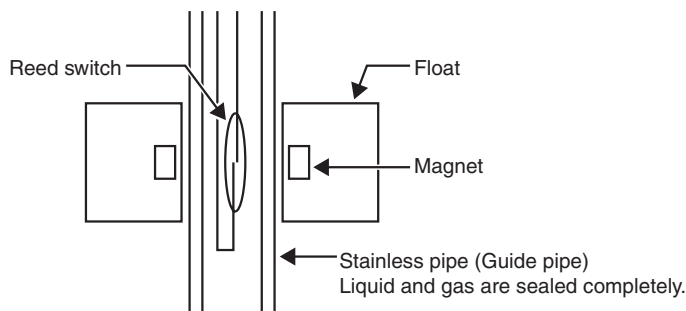
GENERAL

FP-7000 is a level switch using reed switch and float with a built-in magnet. It is the best for detection of the high-level alarm of cargo tanks or fuel tanks, over-fill alarm and bilge alarm.

With test lever which can perform the prior operation check before loading, a high strength with COW and titanium float for high pressure LPG version are also available.

OPERATION PRINCIPLE

The reed switch installed in the stainless steel pipe operates, induced by the magnet built in the float following the liquid level. Horn, Buzzer and Revolving light are operated by using the contact signal (ON from OFF, or ON to OFF) of reed switch.



MODEL AND SPECIFICATION

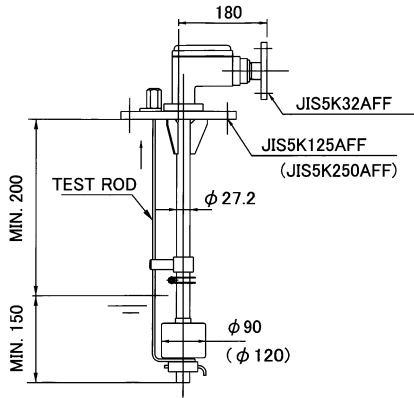
FP-7091				
Construction	S			Intrinsically safe (Ex ia II CT6)/IP65
	W			Non-Flame proof/IP65
Test lever	-T			With Test lever
Contact signal	-W			HL, OF 2 points detection type
Washing function	-COW			Crude Oil Washing

- Temperature
 - Amb. Temperature : -25 to +75°C
 - Liquid Temperature : -50 to +80°C
 - High temp version ; Max.130°C
- Standard material
 - Float : SUS316L
 - Guide pipe : SUS304, SUS316, SUS316L
 - Terminal box : FC250 (For cargo tanks which are installed on the upper deck)
ADC (For bilge alarm of pump room etc.)
SCS13 (For LPG)
- Accuracy : ±10mm

DIMENSION

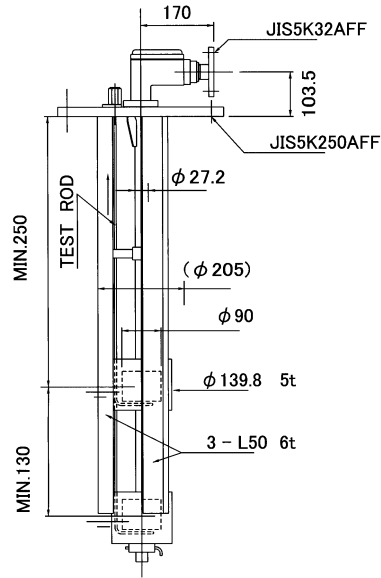
FP-7091S-T

Application: Cargo tanks, Slop tanks and Fuel tanks



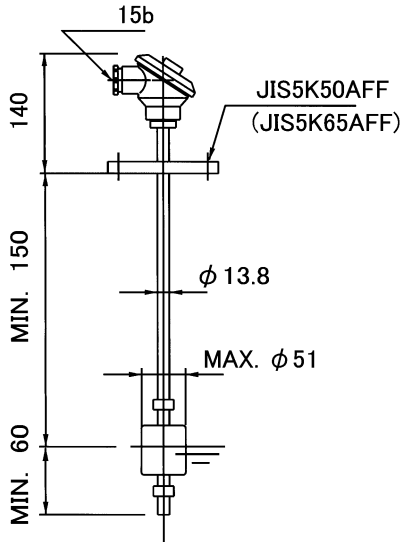
FP-7091S-T-W-COW

Application: Cargo tanks, Slop tanks, Washing type

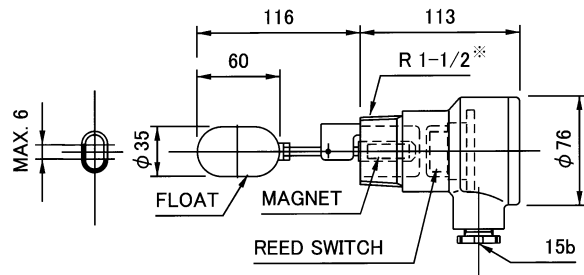


FP-7091S

Application: Bilge alarm

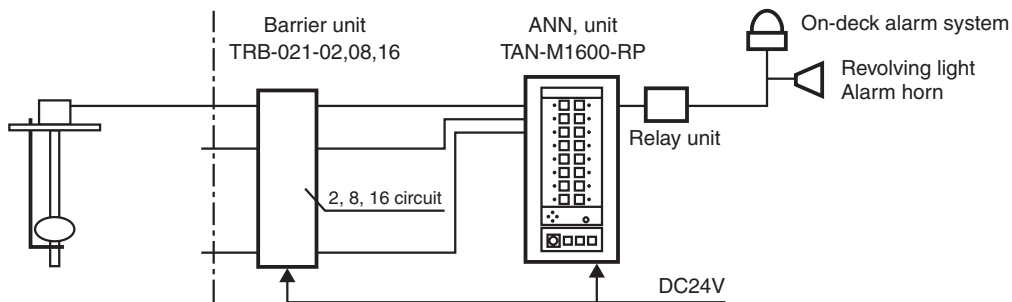


Side installation type FB-5000 series is also prepared



*10K, 50mm flange connection type is available. Consult factory for details.

SYSTEM CONFIGURATION



* Specification is subject to change without notice.

TIV TOKYO KEISO CO., LTD.

Head Office : Shiba Toho Building, 1-7-24 Shibakoen, Minato-ku, Tokyo 105-8558
 Tel : +81-3-3431-1625 (KEY) ; Fax : +81-3-3433-4922
 e-mail : overseas.sales@tokyokeiso.co.jp ; URL : http://www.tokyokeiso.co.jp

