

# Level Switches

## Reed Switch Type Float Level Switch



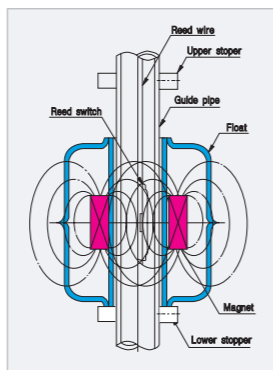
Explosion proof type

### APPLICATION

REED SWITCH TYPE FLOAT LEVEL SWITCHES are widely used for Water, Seawater, Oil and general liquids.

### OPERATING PRINCIPLE

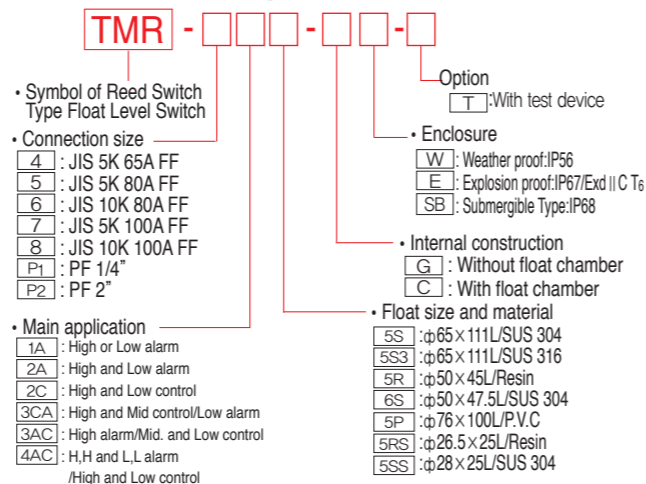
Reed switch type float level switches have a magnet built in the float and a reed switch set inside guide pipe. The reed switch is turned on and off with the up-and-down liquid level. The two stoppers located above and below enable float shift range to limit, thereby providing a self-hold reed switch contact operation.



### FEATURES

- Compact construction
- Stainless steel and plastic models
- Totally enclosed electric parts
- Wide selection of switch functions and ratings
- Easy maintenance

### Model number code system



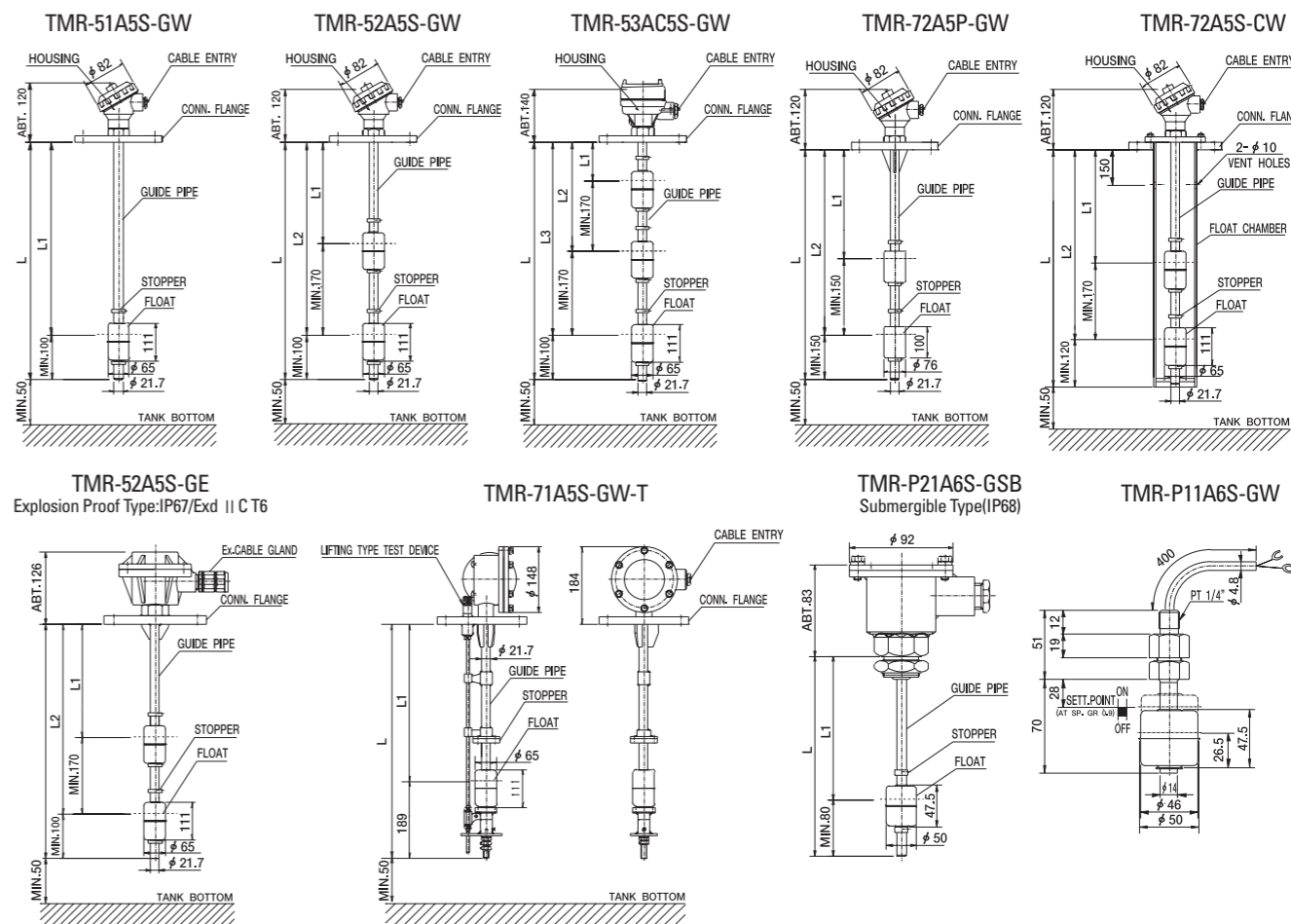
### Standard model and specification

Model	Application	Max. press. (kg/cm <sup>2</sup> )	Max. Temp. (°C)	Mounring flange (standard)	Min. Sp.Gr	Connection	Maximum detection point	Cable entry	Contact form/Rating	Material			
										Housing	Flange	Float	Guide pipe
TMR-5 5S-G	General liquid (Oil, Water)	10	80	JIS 5K 80A	0.85	Top flange type	6	15b	SPST 250VAC,0.5A	AC	SS41	SUS304	SUS304
TMR-5 5S3-G	Anti-corrosive liquid	10	80	JIS 5K 80A	0.85	Top flange type	6	15b	SPST 250VAC,0.5A	AC	SUS304	SUS316	SUS316
TMR-4 5R-G	Low specific gravity liquid	5	70	JIS 5K 65A	0.6	Top flange type	6	15b	SPST 250VAC,0.5A	AC	SS41	Resin	SUS304
TMR-8 5P-G	Anti-corrosive liquid	3	50	JIS 10K 100A	0.7	Top flange type	6	15b	SPST 250VAC,0.5A	P.V.C	P.V.C	P.V.C	P.V.C
TMR-P1 5RS-G	Mini vessel	5	70	PF 1/4	0.7	Thread type	2	-	SPST 250VAC,0.5A	-	-	Resin	SUS304
TMR-P1 5SS-G	Mini vessel	10	80	PF 1/4	0.9	Thread type	2	-	SPST 250VAC,0.5A	-	-	SUS304	SUS304
TMR-4 6S-G	General liquid	10	80	JIS 5K 65A	0.85	Top flange type	6	15b	SPST 250VAC,0.5A	AC	SS41	SUS304	SUS304

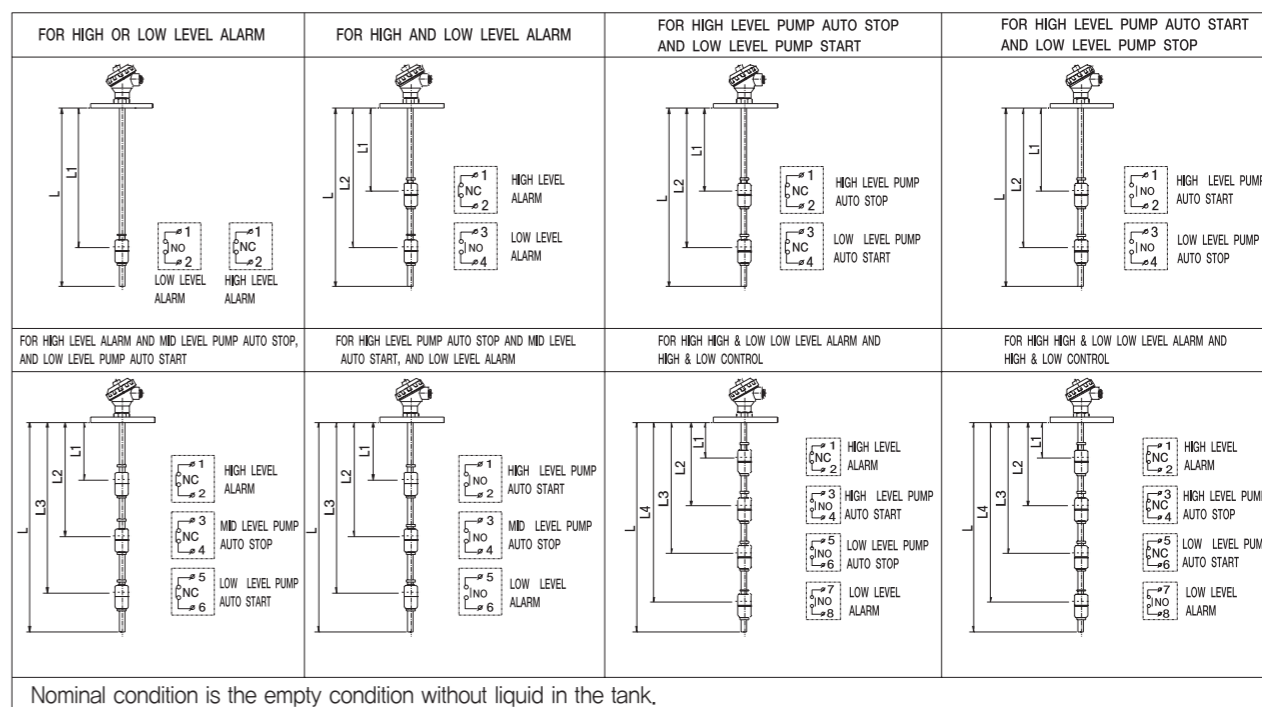
### OPTIONAL INFORMATIONS

- (1) Non-explosion proof models can be used as intrinsically safe type joined with I.S barrier.
- (2) Cable entry of 3/4"(JIS 20 a, b or c) is also available on request.
- (3) Flanges of larger nominal diameter than the standard ones are also available on request.

### OUTLINE / DIMENSIONS



### CONTACT FORM



Nominal condition is the empty condition without liquid in the tank.

- 1) The arrangement is the same even with more detection point.
- 2) The detection points, if up to 3points, can be independently terminal connected as desired.

Manufacturing Line Authorized by the Quality

