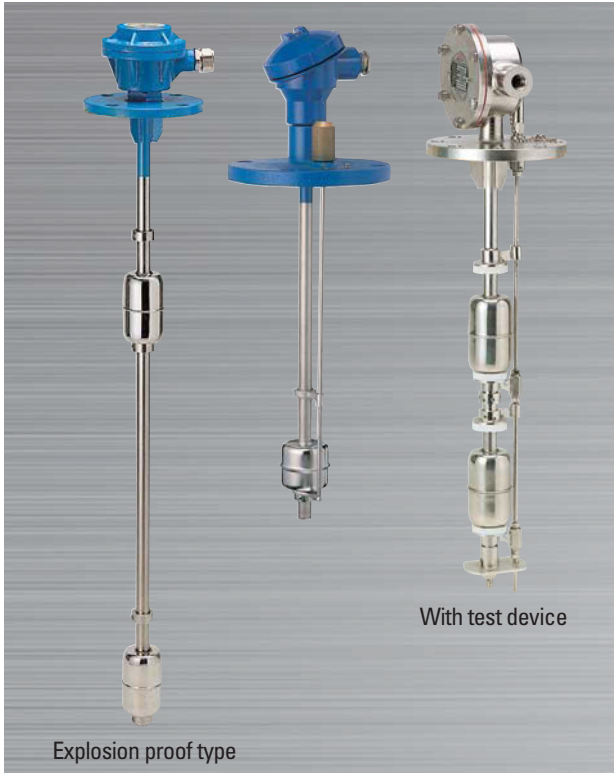


Level Switches

Reed Switch Type Float Level Switch

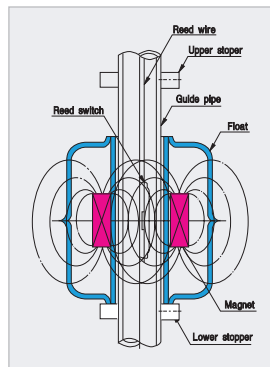


APPLICATION

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

TMR - [] - [] - [] - []

- Symbol of Reed Switch Type Float Level Switch
- Connection size
 - 4 : JIS 5K 65A FF
 - 5 : JIS 5K 80A FF
 - 6 : JIS 10K 80A FF
 - 7 : JIS 5K 100A FF
 - 8 : JIS 10K 100A FF
 - P1 : PF 1/4"
 - P2 : PF 2"
- Main application
 - 1A : High or Low alarm
 - 2A : High and Low alarm
 - 2C : High and Low control
 - 3CA : High and Mid control/Low alarm
 - 3AC : High alarm/Mid. and Low control
 - 4AC : H,H and L,L alarm /High and Low control
 - 6I : Level indicator(MAX. 6 point)
- Option
 - [T] : With test device
- Enclosure
 - [W] : Weather proof:IP56
 - [E] : Explosion proof:IP56/Exd II C T6
 - [SB] : Submersible Type:IP68
- Internal construction
 - [G] : Without float chamber
 - [C] : With float chamber
- Float size and material
 - 5S : ϕ 65 x 111L/SUS 304
 - 5S3 : ϕ 65 x 111L/SUS 316
 - 5R : ϕ 50 x 45L/Resin
 - 6S : ϕ 50 x 47.5L/SUS 304
 - 5P : ϕ 76 x 100L/P.V.C
 - 5RS : ϕ 26.5 x 25L/Resin
 - 5SS : ϕ 28 x 25L/SUS 304

Standard model and specification

Model	Application	Max. press. (kg/cm ²)	Max. Temp. (°C)	Mourning 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.