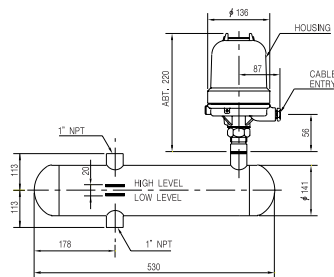


Level Switches

Float Operated Type Level Switch

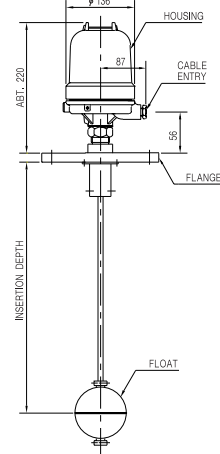
OUTLINE / DIMENSION FOR SEALED EXTERNAL CHAMBER TYPE

Model : OMS-S303 TYPE



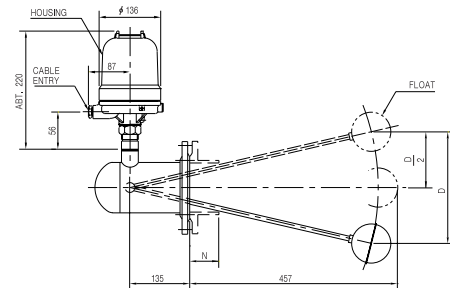
OUTLINE / DIMENSION FOR SEALED EXTERNAL TOP MOUNTED

Model : OMS-TF TYPE



OUTLINE / DIMENSION FOR SEALED EXTERNAL SIDE MOUNTED

Model : OMS-3F TYPE

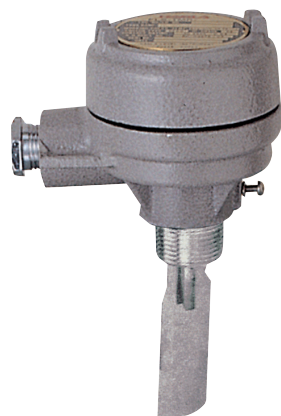


Insertion depth		Min.level differential (D)		Maximum differential(D) for 4" sch.40 pipe with nozzle length(N)											
				IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
IN.	MM.	IN.	MM.	2	51	4	102	6	152	8	203	10	254	12	305
18	457	2	51	13	330	9	229	7	178	5	127	4 1/2	114	4	102
10	254	1	25	7	178	5	127	4	102	-	-	-	-	-	-

Flow Detection Switch

PADDLE TYPE FLOW SWITCH

MODEL:FWS-3P

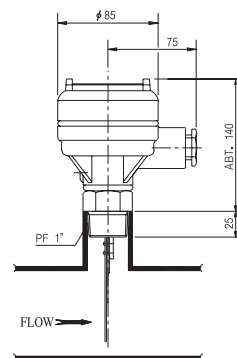


INTRODUCTION

This flow switch is used for protecting equipment or pipe line system from excessive flowing in the pipe when the flow is reduced or increased. When the liquid is flowing excessively, the micro switch in the housing is operated by hydrostatic pressure caused by flowing in the pipe. If flowing is stopped, the lever arm will be returned to the normal position by the spring in the switch housing.

TECHNICAL SPECIFICATION

- Mounting Method : Screw/Flanged
- Mounting Size : 1" PT
- Working Pressure : Atm.
- Process Temp. : Max. 0.2kg/cm²
- Enclosure: Weather proof/IP56
- Material - Head : AC
- Connector : BS
- Paddle : SUS304
- Output : 1 × SPDT
- Conduit conn. : 3/4" PF(F)
- Switch type : Micro switch
- Contact Rating : 250VAC, 15A



APPLICATION

- When the flowing is higher or lower, it is used for protecting the equipment, pump, motors from them.
- Controls of pumps etc.
- Starts pumps, engines etc.

Quick Float Type Level Switch

MODEL:HTUM Series

HTUM-7SN-1



HTUM-1PN-1

OPERATING PRINCIPLE

Quick float level switches contain a switch units(Reed switch or micro switch) inside a float casing connected to a reed cable. Also, the reed cable is assembled with the float casing completely. When a float moves up and down due to buoyancy, electrical contacts in the switch unit converted to close or open.

APPLICATION

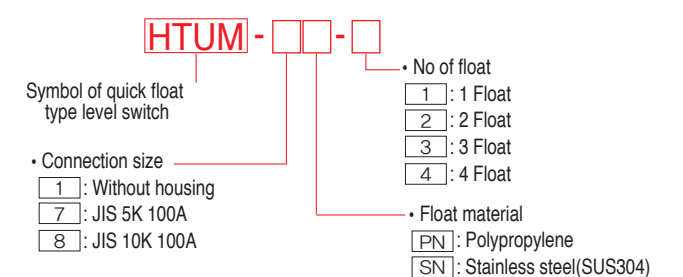
This product is used for atmospheric pressure and ambient temperature applications.

- Wells, locks, rivers etc.
- Waste water, sewage, drain, sludge tank etc.

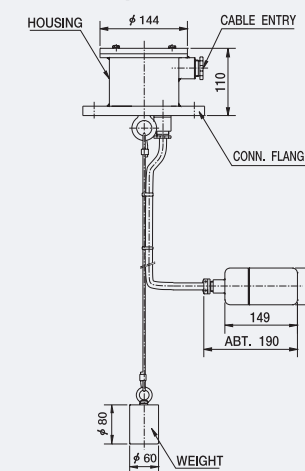
FEATURES

- Simple and low cost design
- Easy installation and maintenance
- Stainless steel and plastic models

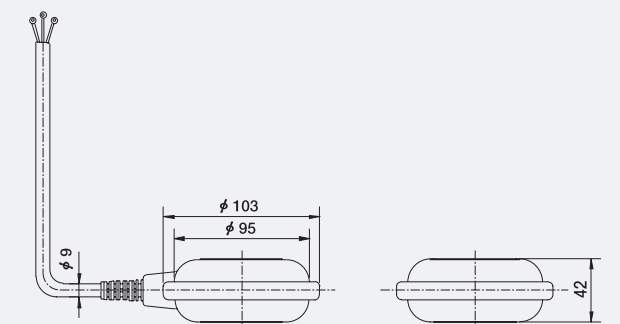
MODEL NUMBER CODE SYSTEM



OUTLINE / DIMENSIONS



HTUM-7SN-1



HTUM-1PN-1

Standard model and specification

Model	Connection	Float Material	Max. Pressure (kg/cm ²)	Max. Temp. (°C)	Protection (float)	Switch Type	Switching Distance (mm)	Switch Form/ Rating	Cable Max. Length	Cable Entry
HTUM-7PN-□	Top flange type	Polypropylene	10	60	IP68	Micro switch	10 ~ 50	SPDT 250VAC, 10A	10,000mm	20 (PF3/4)
HTUM-7SN-□	Top flange type	Stainless steel (SUS304)	10	80	IP68	Reed switch	10 ~ 50	SPST or SPDT 250VAC, 0.5A	5000mm	20 (PF3/4)

■ Please consult with our factory when the other type is required