

PP Cable Float Level Switch

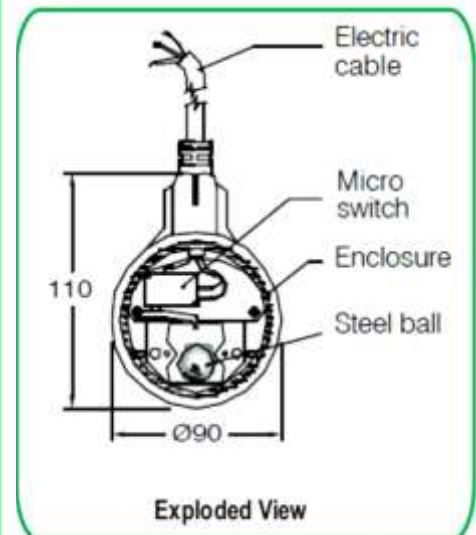
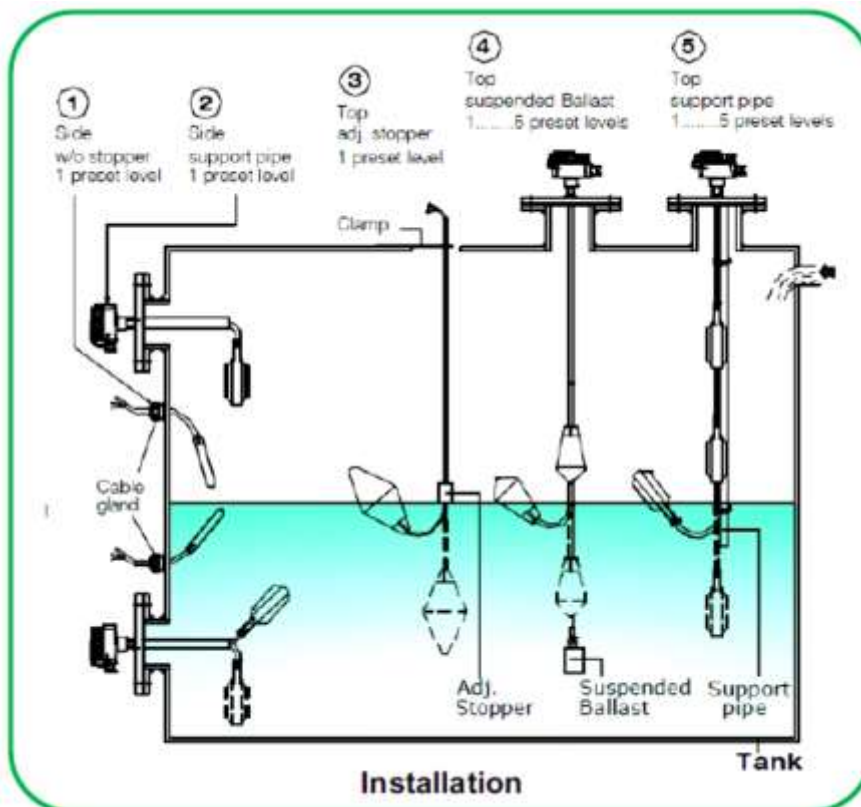
INTRODUCTION

NK Instruments Pvt. Ltd. has PP Cable Float Level Switches for liquid level detection, which are very simple in construction, user friendly and reliable. By selecting an appropriate cable length, it can be used for small or, long range detection of liquids, with or without impurities, sanitary applications like drinking water and also for explosive liquids or liquids in hazardous areas. Beside this by using a number of cable floats with appropriate fixation points, it can be used for multipoint detection.



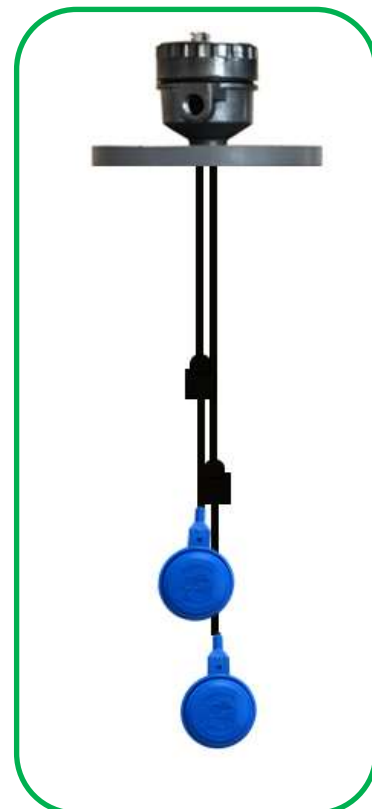
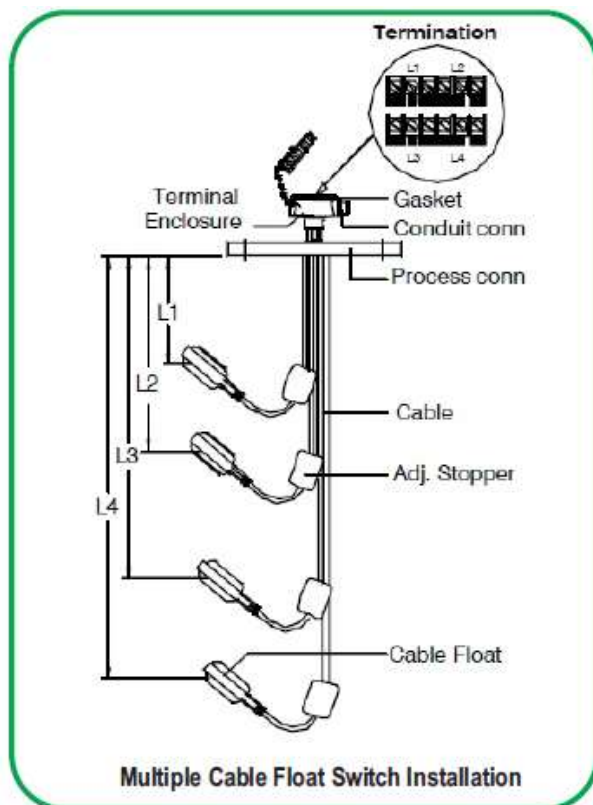
PRINCIPLE

The Cable Float Level Switch consists of a float, integral with a three core electric cable. A fixed micro switch and a moving steel ball are enclosed within the float casing. A change in liquid level causes the float to tilt up or down around a pivot, provided in the form of an adjustable stopper, support pipe or ballast, at an angle and in the process, actuating a steel ball to move and operate a micro switch plunger to close or open an electrical circuit with potential free contacts, to operate auxiliary electrical devices like alarm, pump and solenoid valve.



SPECIFICATIONS

Float Protection	:	WP IP-68
Cable Gland	:	Polyamide X PG 13.5
Terminals / Process Connection	:	Flying Leads (Optional with Flange & WP IP-66 enclosure)
Internal Cable Length	:	5, 10, 20 meters (Larger length on request)
Contact Type	:	Micro switch (SPDT)
MOC of float	:	Polypropylene
MOC of counter weight	:	Polypropylene
MOC of cable	:	PP x 1mm ² – Standard (Optional – PVC, EPDM, Hypalon, Neoprene)
Min. Liquid Specific Gravity	:	0.75
Adjustable Stopper	:	Rubber , Ø50 x 40mm or SS316
Shape	:	Disc
Differential Angle	:	28°
Max. Operating Pressure	:	10 Kg/cm ²
Max. Operating Temperature	:	-10°C to 80°C
Switch Rating	:	16A, 250 VAC / 24 V DC
Service	:	Clear or Dirty Water



Continuous efforts for product development may necessitate changes in these details without notice

Manufacturer & Marketed by:



NK Instruments Pvt. Ltd.

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