

Product Information

Single and two-stage Float Switch

for fluid level monitoring

The ingress of water and other fluids in man-holes, dams or construction pits etc. can destroy valuable technical facilities. Even well sealed sleeves and other housings will be damaged when exposed to water for a long period of time. An effective protection against these damages is now available!

When for instance strong rainfall, pipe bursts or other unexpected events are flooding a manhole, the maintenance-free LANCIER Monitoring float switches immediately react to it.

The two-stage switch realises pre-alarm and main alarm with only one sensor.

If required, both float switches can be integrated into the LANCIER UMS monitoring system for remote reading and evaluation, e.g. via the LANCIER RM module system or LoRaWAN.

Furthermore, it is possible to forward the switching states to telecontrol and process control systems.

Both the single-stage and the two-stage float switches operate without an external power source. This makes it easy and economical to monitor remote objects without an electrical power supply.

The following devices can evaluate the float switches:

- PipeAlarm2
- ContactAlarm2
- RM-Loop Modul
- PipeLog
- PipeSens plus
- Smart-Sensor-Box



Technical Data Float Switches

Signal states	open / closed
Operating voltage	max. 30 V DC
Switching current	max. 0.1 A
Max. permissible inclination	± 20°
Media	Water without heavy pollution
Operating temperature	-20 .. +60 °C
Storage temperature	-30 .. +80 °C
Dimensions (w x d x h)	
single-stage	30 x 35 x 95 mm
two-stage	122 (incl. mounting eyes) x 60 x 320 mm

Ordering Data

Float switch NC/NO contact	
single-stage , with stainless steel mounting bracket and 10 m connection cable	
with stranded wire	Order-no. 076024.000
with M12 female connector, 4-pole	Order-no. 076024.010
two-stage , with plastic housing and 5 m connection cable	
with stranded wire	Order-no. 076024.030
with M12 female connector, 4-pole	Order-no. 076024.020
Accessories	
Extension cable , with M12 socket and plug	Order-no. 076619.000

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System Diagramme (sample applications)

