



## VIMEX WIAS: WATER INGRESS ALARM SYSTEM

The bulk carrier is a vessel type that is extremely vulnerable in case of accidental ingress of water seepage into the cargo hull, particularly when carrying heavy cargoes like iron etc. The combined weight of cargo and water flooding the holds can cause the vessel to break up.

VIMEX Water Ingress Alarm System is designed according to IACS S24 regulations.

For use in cargo hulls.

The level switches are mounted inside a extremely strong casing, to avoid damage from all type of activities and cargoes.

VIMEX WIAS is a micro processor programmed and PLC monitored Water Ingress Alarm System. All water ingress alarms are separate and individually indicated on an alarm panel with reference to each specific cargo hull.



### Switch type NOR 2593 Magnetic float operated with fixed oil / water resistant cable.

- Electrical:	
Reed switch contact	: NC
Max voltage	: 175 V DC
Max current	: 0,25 A
- Material:	
switch housing	: stainless steel SIS2343/A316
Float	: Titanium (stainless steel on request)
Switch casing	: Painted black steel
- Connection	: Junction box inside the level switch casing.

### Advantages:

- **Compact, rugged construction**
- **Easy to install**
- **Wide temperature range:  
Max. +80 Min. -60**
- **No calibration**
- **Fail safe**