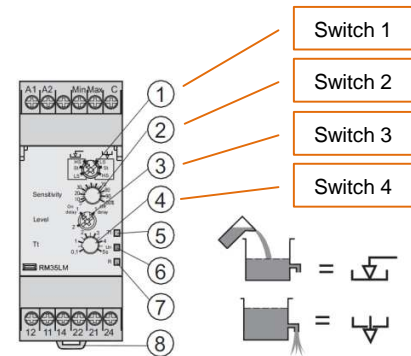




Question:

How to use RM35LM33MW to identify the liquid resistance?


Answer:

Below is the procedure to configure the RM35 product to identify liquid resistance.



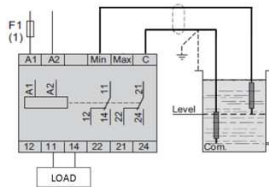
① - Configuration: selection of the operating mode.  / 
② - Sensitivity control potentiometer (%)
③ - 'Number of levels' selector.
④ - Time delay control potentiometer. **Tt**
⑤ - Time delay status (yellow) LED. **Tt**
⑥ - Power supply status (green) LED. **Un**
⑦ - Relay output status (yellow) LED. **R**
⑧ - 35 mm rail clip-in spring

Sensitivity range
LS = Low Sensitivity: 250 ohm...5 k ohm
St = Standard Sensitivity: 5 k ohm...100 k ohm
HS = High Sensitivity: 50 k ohm...1 M ohm

⊗ Off / Eteinte / Erlöschen / Apagado / Spento ⊕ On / Allumée / Brennt / Encendido / Accesa  Blinking / Clignotante / Blink / Intermitente / Lampeggiante

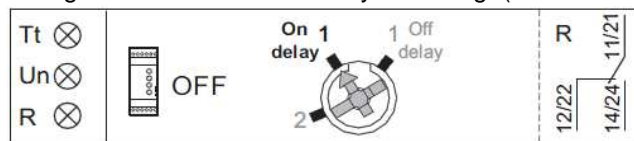
A) Fill up the tank to High level.

B) Install the product, probes and wires. Submerge the probes into the liquid.




C) Adjust Switch 2 (Sensitivity control potentiometer) to minimum setting.

D) Configure Switch 3 to "On Delay 1" setting. (Refer to attachment – Instruction sheet for detail info)



(Note: you have to **TURN OFF** the product before configuring Switch 1 and Switch 3.)

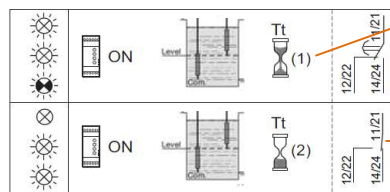
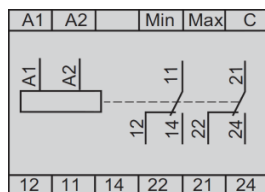
E) Configure Switch 4 to 3 seconds setting.

F) Configure Switch 1 to "fill function" (). Start with low Sensitivity "LS".

(Note: you have to **TURN OFF** the product before configuring Switch 1 and Switch 3.)

 Off / Eteinte / Erlöschen / Apagado / Spenta
  On / Allumée / Brennt / Encendido / Accesa
  Blinking/ Clignotante / Blinkt / Intermitente / Lampeggiante

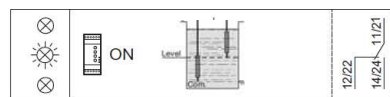
G) Turn ON the RM35 product.



Time delay in progress (3 seconds delay)

The output Relays change position to 11-14 and 21-24.

Product's behavior *before* obtained the liquid resistance.



Product's behavior *after* obtained the liquid resistance.

H) Turn Switch 2 clockwise slowly from minimum towards maximum. Stop turning the switch if you observe the output relay is activated (Change position to 11-12 and 21-22). The resistance value is being identified by the product. You may retrieve the product setting now from switch 2.

However if the output relay is not activated, this means that the resistance value is not under "LS". You will have to repeat the above procedures "F, G and H" with Switch 2 configured at St.

If the output relay is still not activated, you will have to repeat the above procedures "F, G and H" with Switch 2 configured at HS.

You should be able to obtain the liquid resistance by now.