

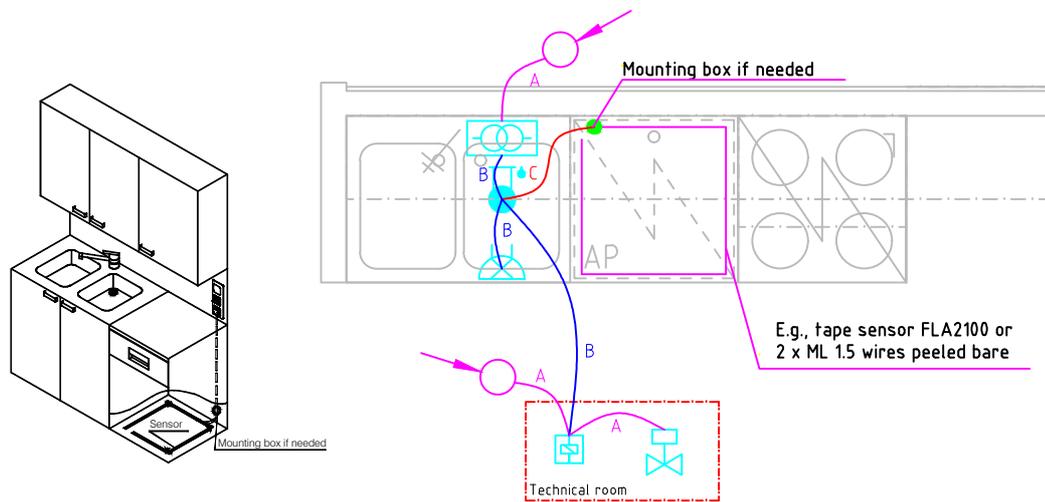
Purpose and function

The leak guard can monitor the possible water leakage from dishwashers, hot water heaters or any other machine or equipment. When properly installed, the leak guard will report water leakage before it can be detected by other means.

When water or moisture appears between correctly installed sensor wires, a small current starts to flow between the wires. The leak guard detects the current and triggers an alarm. The leak guard light starts flashing and the indicator light / buzzer / beeper is triggered. The alarm can be silenced with the silencer button on the unit. However, the light of the leak guard remains on without blinking until there is no more moisture between the sensor wires.

The leak guard has two function selectors, "M" and "R", which can be used to adjust the unit's functioning.

The leak guard controls the leakage current passing through the sensor. Increasing the number of sensors increases the leakage current rate, making the alarms more responsive.

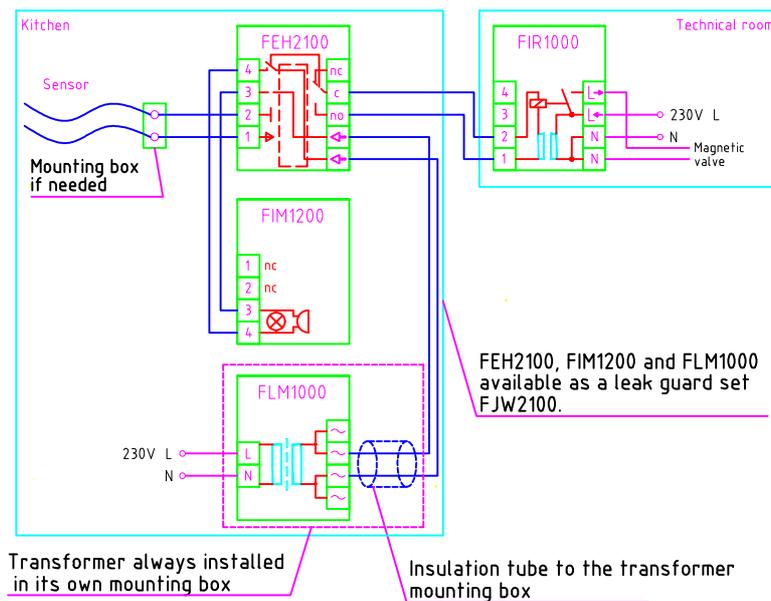


WIRING: A = E.G. MMJ 3 x 1,5S
 B = E.G. MHS 1 x 4 x 0,5
 KLM 4 x 0,8
 KLMA 4 x 0,8 + 0,8
 C = Wound pair of wires
 E.G. CAT5

-   Leak guard
FEH2100 EAN: 6410070607131
-   Alarm
FIM1200 EAN: 6410070607520
-   Transformer 230V / 15V / 2VA
FLM1000 EAN: 6410070607650
-   Supplementary relay
FIR1000 EAN: 6410070607803
-  Magnetic valve

Sensor

Suitable sensors for the leak guard are tape sensor FLA2100 or any other uninsulated pair of semiconductor cables isolated from each other. Please note that the insulation mustn't be watertight. For example, the sensor can be made using two ML 1.5 wires with the coating peeled off around the monitored area, which are then attached to the floor under a dishwasher with suitable screws, nails, fasteners or gluing points. During the installation, note that any humidity or water to be detected will have to touch both wires simultaneously.



Function selector "M" (memory function):

- When the selector is set to "-", the memory function is inactive. The alarm disappears when there is no longer any moisture between the wires.
- When the selector is set to "M", the alarm will not disappear until manual reset, even when there is no longer any moisture.

Function selector "R" (magnetic valve control):

- When the selector is set to "OFF" (the prongs are short-circuited), the alarm reset releases the magnetic valve.
- When the selector is set to "ON" (the prongs are not short-circuited), the magnetic valve is released only after the alarm is acknowledged and the sensor is dry.

Note! If an operator switch is used in the feeder circuit, all poles must be disconnected. Accidental disconnection of the system must be prevented.