

Industrial Peristaltic Pumps Accessories

Hose leakage detector



The only elements that are in contact with the media in the hose pumps are the hoses, and the connections. However, when the hose breaks, the media can flood the inside of the pump casing.

To avoid any damage due to this contact of the media with the metallic parts that are inside the pump casing, it's recommended to use a leakage detector, that detects the level increase and outputs an electric signal that can be used to stop the pump, active an alarm, etc...

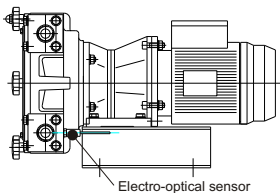
This device is strongly recommended in applications where the media pumped is corrosive, or in applications that are not monitored.

The type of sensors that we use are electro-optic level sensors, that can be 12VCC (for the AMP-10 and AMP-13 models) or 12-24VCC (for all the other models).

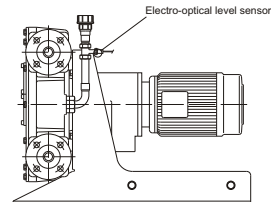
On roller pumps (AMP and FMP), we install at the bottom of the pump, and on shoe pumps (RBT with lubricant inside the casing) we install on a level above the level of lubricant.

On AMP is necessary to order before assembly the pump, because is necessary to drill a hole that can't be done when the pump is already assembled.

Typical assembly on a roller pump



Typical assembly on a roller pump



OPTIONS:

- Sensor with electric wiring connector:

Instead to have the 3 wires, we have an electrical industrial connector. This makes more simple the connection of the sensor.



- Sensor with opto-pack controller:

We supply the controller that includes the VCC power supply, and the relay that can be used to stop the pump, or activate an alarm. This makes extremely simple the installation of the sensor for the customers. Is ready to run.



- ATEX sensor:

On ATEX applications, the electro-optic sensors can't be used. We are using an ATEX float sensor instead. To install this sensor, we require some additional parts as shown on the picture. This type of sensors can be used on non ATEX applications as well, when is not possible to use VCC sensors.

