

## LC



The LC series of optical level switches are specially designed for use in level monitoring for controlling the oil level of compressors. They can be mounted directly on the crank case of the compressors or on the oil separator/receiver. They have bodies made of steel and a glass dome. This combined with the presence of the M12 connector (or directly of the cable) on its back let the user to be able of having an high IP grade connection so it make this product very reliable and suitable for working in heavy environments. LEDs on the back of the sensors also available to verify the liquid status.

The two parts design allow the fast replacement of the electronic parts without depressurizing the system.

The model with best performances of this series combines the 90-230VAC Power Supply with the high temperature range (up to 125°C) and a variety of possible threads (simply by changing the front part).

**Main features:** immediate sight glasses replacement  
critical fluid level detection on machine tools, chillers and any industrial OEM equipment  
Easy maintenance  
LEDs on the back of the sensor  
Wide voltage range  
Wide temperature range  
High IP grade

Technical Data of the Instrument	
OPERATION MODE	Detect liquid presence with contact
REPEATABILITY	± 2 mm
BODY MATERIALS	Steel
SENSIBLE DOME	Glass
ELECTRONIC PROTECTIONS	Transient over voltage
MAX. TEMPERATURE RANGE	From -40°C up to +125°C depending on models
STORAGE TEMPERATURE	From -40°C up to +125°C
SUPPLY VOLTAGE	90 - 230 VAC 50/60 Hz
AC OUTPUT CURRENT	up to 200 mA Max
OUTPUT MODE	Output Normally Open or Closed in the air
DELAY TIMES	Customizables depending on application needs
MAX PRESSURE	up to 30 bar

**SECUROIL®**  
OIL CONTROL SYSTEM