

K 12



The **K12 family** of **optical level switches** are specially designed for use in **level monitoring for controlling the oil level in screw compressors**. They can be mounted directly on the crank case of screw compressors or on the separator.

They have bodies made of **stainless steel** and sensor dome made of glass.

It combines the 90-230VAC Power Supply with the **high temperature range** (up to 125°C) and a variety of possible threads.

Main features: lubricating oil reservoir level monitoring
 immediate sight glasses replacement
 critical fluid level detection on machine tools, chillers and any industrial OEM equipment
 monitoring refrigerant liquid level in both horizontal and vertical liquids receivers
 monitoring oil level in oil reservoirs
 P.O.E. Oil and Refrigerant Fluids compatibility

Tecnical Data of the Instrument	
OPERATION MODE	Detect liquid presence with contact
REPEATABILITY	± 2 mm
BODY MATERIALS	Stainless Steel
SENSIBLE DOME	Glass
ELECTRONIC PROTECTIONS	Transient over voltage
MAX. TEMPERATURE RANGE	From – 40°C up to +125°C
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 needings
MAX PRESSURE	up to 30 bar
TORQUE TIGHTEN	40 Ntm

SECUROIL[®]
OIL CONTROL SYSTEM