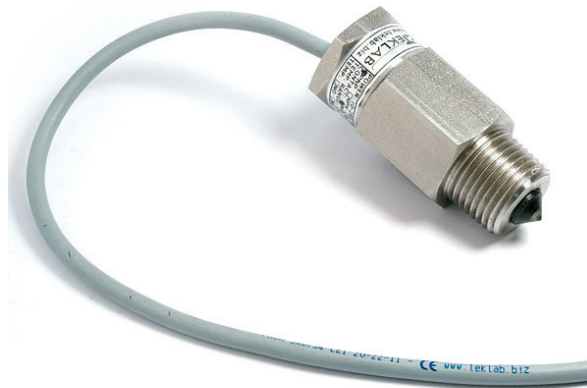


KII



KII family of level switches is suitable for **high pressure applications** like pressurized vessels, HVAC and refrigeration, motors etc. These sensors have bodies made of stainless steel and sensor dome made of glass. They are **economical**, and **compact in size** and have **no moving parts so the reliability is very good**.

These level switches use **infrared technology** for their operation and have an operating temperature range of -40 to 125 deg C. There is a programmable timer inside these KII level switches that allows a delay time to be set for delaying the output switching. The output modes are normally closed in presence of liquids and open in air or vice versa. The AC / DC output current is up to 100 mA depending on model.

Technical 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, reverse polarity (for DC models), shortcircuit protection.
MAX. TEMPERATURE RANGE	From -40°C up to +125°C
STORAGE TEMPERATURE	From -40°C up to +125°C
SUPPLY VOLTAGE	10 – 28 VDC or 24 VAC ± 10% 50 or 60 Hz
OUTPUT TYPE	AC output or NPN, NPN open collector, PNP for DC model
AC/DC OUTPUT CURRENT	up to 100 mA Max (depending on temperature range)
OUTPUT MODE	Output Normally Open or Closed in the air
DELAY TIMES	Customizables depending on application needs
MAX PRESSURE	up to 60 bar (burst 120 bar)
TORQUE TIGHTEN	15 Ntm

SECUROIL[®]
OIL CONTROL SYSTEM