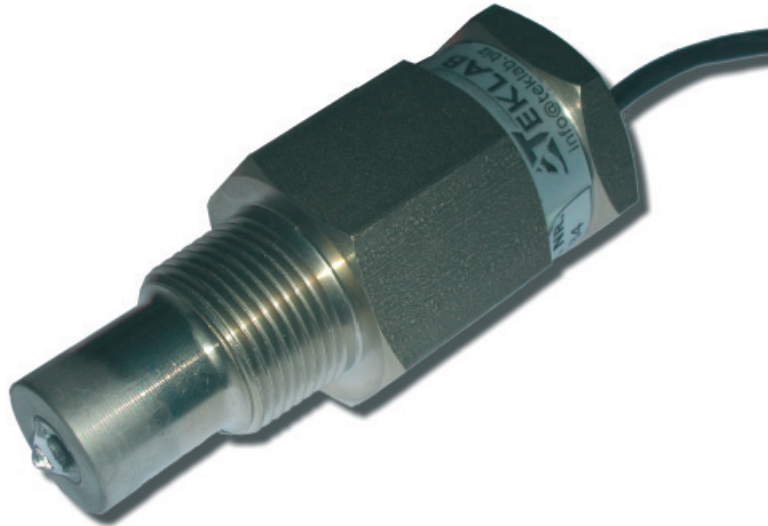


## K 25



The **K25 optical level switches** are designed for use in **level monitoring for controlling the oil or liquid CO2 flow** in transcritical or sub critical applications.

They can withstand maximum pressure of 150 bars.

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

They not only monitor the level but also give a **measure of the temperature of the liquid via 4-20 mA output**.

They have an operating temperature range of -40 to 125 deg C.

There is a **programmable timer** inside these K25 optical level switches that allows a delay time to be set for delaying the output switching.

The switch has no moving parts, thus it is particularly suited for monitoring critical media where high reliability is needed.

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, reverse polarity
MAX. TEMPERATURE RANGE	From - 40°C up to +125°C
STORAGE TEMPERATURE	From - 40°C up to +125°C
SUPPLY VOLTAGE	24 VDC ± 10%
DC OUTPUT TYPE	Transistor NPN 50mA max
OUTPUT MODE	Output Normally Open or Closed in the air
TEMPERATURE OUTPUT	Analogical from 4 to 20 mA
MAX PRESSURE	up to 150 bar
TORQUE TIGHTEN	40 Ntm

**SECUROIL®**  
OIL CONTROL SYSTEM