

FINE CONTROLS (UK) LTD



Fine Controls have been supplying process controls & instrumentation equipment since 1994, & now serves an ever expanding customer base, both in the UK & globally.

We offer a full range of valve & instrumentation products & services, with our product range representing leading technologies & brands:

Flow: Flow Meters & Transmitters, Flow Switches, Flow Control Valves & Batch Control Systems

Temperature: Temperature Probes & Thermowells, Temperature transmitters, Temperature Regulators & Temperature Displays

Level: Level Transmitters & Switches

Pressure: Pressure Gauges & Transmitters, Precision & High Pressure Regulators & I-P Converters, Volume boosters.

Precision Pneumatics: Pressure Regulators, I-P Converters, Volume Boosters, Vacuum Regulators

Valves: Solenoid & Pneumatic Valves, Control Valves & Positioners, Actuated Ball, Globe or Diaphragm Valves & Isolation Valves

Services: Repair, Calibration, Panel Build, System Design & Commissioning

A rotork® Brand
FAIRCHILD



bürkert



SIEMENS



alcon
SOLENOID VALVES

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MIDLAND-ACS
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Honeywell



Bourdon
Baumer Group



SOLDO
CONTROLS

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EXTERNAL HYDROSTATIC SENSOR

LK/ES External Sensor

The E.S. (External) sensor is an externally mounted hydrostatic sensor which is attached at the base of the tank being measured (above the sludge level) via a ¾" BSP stub pipe. A ball valve is supplied to allow isolation of the sensor and two male-male couplers are included to make installation very straightforward. The sensor is supplied fitted with a length of capillary and is filled with dry Nitrogen gas to eliminate moisture from the system. The sensor is designed for use with Landon Kingsway hydrostatic gauges, level switches (LK400 series) or the LK10 transducer.

Technical Specification

Standard Material: Mild steel with Viton diaphragm. Also available in brass, stainless steel and UPVC.

Dimensions: Ø130mm x 40mm sensor

Assembled length: 250mm

Mounting Connection: ¾" BSP

Max Capillary length: 50m to LK400 series,
50m to LK10 or gauge.

Capillary Diameter: 11mm

Capillary Nut: 22mm

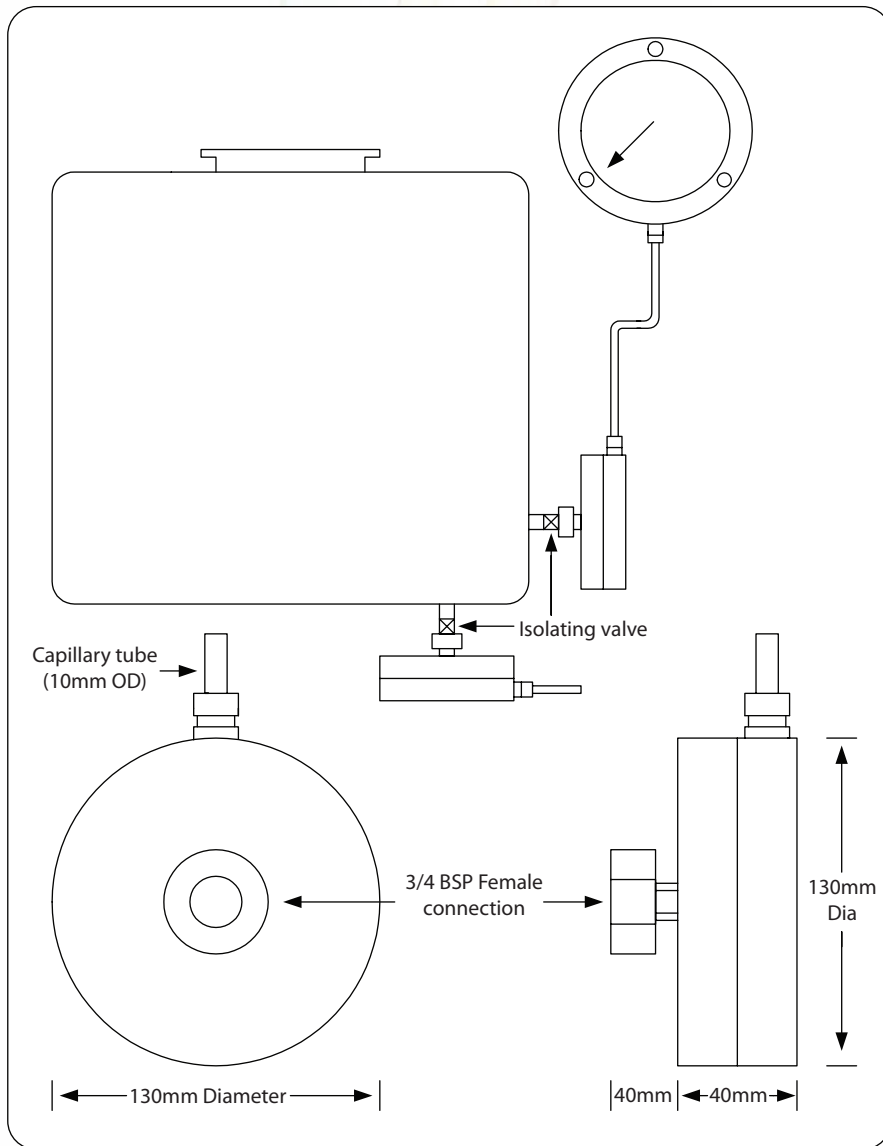
Min Bend Radius: 50mm



LK / ES
External
Sensor



EXTERNAL HYDROSTATIC SENSOR



Please Note:

- Do not apply ANY pressure to the sensor until the system is sealed.
- The capillary end cap MUST be kept clean and dry until the system is sealed.
- Do NOT remove the end caps until ready to seal the system.
- The system is only as accurate as the tank information supplied.

E.S. Sensor with stainless steel diaphragm

