

# Optional Accessories

Simplify installation and protect your investment

KELLER level and pressure measurement instruments are built with exacting standards to provide accurate, dependable pressure data over a long service life. To help protect your investment, KELLER offers a wide collection of product options and accessories to ensure application compatibility, simplify installation, and safeguard the instrumentation from unforeseen risks.

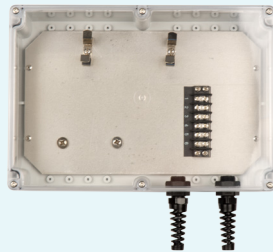
Scan the QR code to be directed to the KELLER contact page, where you can find the KELLER office or representative nearest you to discuss your application in detail for the best product, configuration, and accessories for your needs.



## Termination Enclosure

Convenient option where it is desired to terminate the transmitter cable close to the measurement point.

It includes a NEMA 4X clear front enclosure (7.9 X 4.7 X 3.5 inches) with two, liquid-tight cable fittings (one in, one out), a terminal strip, and provisions for mounting both a drying tube or bellows assembly, each sold separately.



## Drying Tube Assembly

Clear tube filled with indicating desiccant that attaches directly to cable vent tube to intercept water vapor. Highly recommended when operating in high humidity conditions.

Must be periodically renewed as desiccant becomes saturated, turning color from blue (dry) to pink (saturated).



## Bellows Assembly

Alternative to the drying tube, this aneroid bellows requires no periodic maintenance.

Note: the use of the bellows results in a closed reference pressure system subject to zero shift errors induced by changing temperatures of up to 0.0004 psi/°C.

Not recommended for use with accuracy requirements of  $\pm 0.25\%$  FS or better, or ranges  $< 2$  psi.



## Sour Gas Trap

Effectively prevents any H<sub>2</sub>S vapor from migrating down the atmospheric vent of the level transmitter, on account of its ability to absorb and trap any such vapors which enter it.

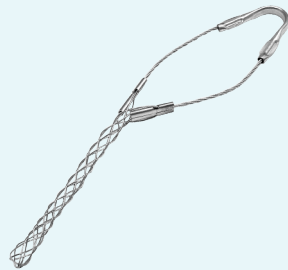
The Sour Gas Trap is intended to be installed either stand-alone or in tandem with a KELLER Drying Tube.



# Optional Accessories

## Cable Hanger

Single eye mesh cord grip style cable hanger for use with KELLER's 0.230 inch O.D. cables, including PE, Hytrel, and Tefzel.



Used on Acculevel, Acculevel SDI, Levelgage, LevelRat, Microlevel, and Nanolevel submersible level transmitters, and KELLER's Valueline, Preciseline, and Preciseline SDI pressure transmitters.

## Stabilizing Weight

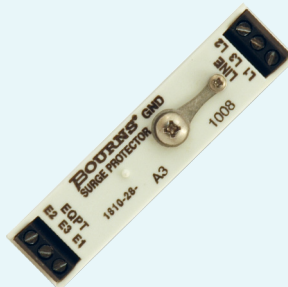
Zinc prop shaft anode adapted to fit Ø21 mm O.D. of Levelgage, Acculevel, and LevelRat submersible level transmitters.



Aids in corrosion resistance as well as helps ensure that the cable remains taut in turbulent conditions.

## External Surge Protector

Recommended for lightning/surge protection of user's power supply/readout/PLC, etc.



To be used in conjunction with Levelgage, Acculevel, LevelRat, Microlevel, Valueline, or Preciseline transmitters.

## Digital Process Controller

The Trident series of displays / controllers by Precision Digital are ideally suited for use with KELLER level and pressure transmitters.



Various configurations are available to ensure the right fit for your application.

## RS-485 Converter/Cable

For the user who wishes to communicate with their KELLER level or pressure transmitters via the RS-485 digital interface.



Available in RS-232 (serial port), USB, and Bluetooth versions, along with cable adapters, as needed, and KELLER's free CCS30 Software. Consult factory for details.

## Pressure Test Adapters

These custom built assemblies are designed to facilitate calibration and maintenance testing.



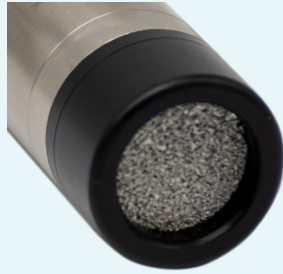
Versions are available to connect the Acculevel, Levelgage, LevelRat, and Microlevel to a pressure calibrator.

# Optional Accessories

## Piezometer nose cap

The piezometer nose cap allows the unit to be buried in saturated soil without damage to the sensor diaphragm.

Available for Levelgage, Acculevel, and Acculevel SDI products,



## Titanium Construction

Highly recommended for brackish and sea water applications, as well as applications with media not compatible with stainless steel.

Available on Acculevel, Acculevel SDI, Microlevel, and LevelRat submersible level transmitters and on Valueline and Preciseline pressure transmitters.



## ½" NPT Conduit Fitting

½" NPT male fitting, allows rigid mounting to ½" conduit for Levelgage, Acculevel, Acculevel SDI, Nanolevel, or LevelRat submersible transmitters.

It can also be added to KELLER's Preciseline and Valueline pressure transmitters.



## Optional Cable Materials

Hytrel and Tefzel (ETFE) jacketed submersible cable for use on Acculevel, Levelgage, LevelRat, Microlevel, Nanolevel, Preciseline and Valueline transmitters.

Hytrel provides the greatest resistance to swelling in hydrocarbons. Tefzel provides the greatest protection from chemical attack.



## Electrical Connectors

KELLER offers pressure transmitters with an array of electrical connectors. The Econoline options include mPm393, M12, and Packard connectors. Valueline and Preciseline options include mPm393, DIN43650, and MIL-C 26482.

The mPm393 and DIN43650 incorporate screw terminals, while the MIL-C 26482 mating connectors feature solder cups.



## Protective Spacer

Designed specifically for the KELLER's LevelRat wastewater level transmitter, the protective spacer anchors the LevelRat in place while positioning the sensing diaphragm off the bottom to avoid false readings caused by sludge and debris.

