



LL-01 SERIES – POWER LOOP

SPECIFICATIONS

- ◆ Proven ultrasonic technology combined with compact electronics
- ◆ Improved performance in aerated liquids
- ◆ Cost effective design for tight spaces and direct replacement of electro optical and mechanical float switch

The LL-01 series Ultrasonic Sentio™ Miniature Liquid Level Switch uses proven ultrasonic technology combined with compact electronics yielding improved performance in aerated liquids.

FEATURES

Standard Features

- ◆ High pressure up to 250 PSIG (1724 Kpa)
- ◆ No moving parts, easy to install
- ◆ Input 5 to 30 VDC
- ◆ Filter techniques enhance performance

Optional Features

- ◆ 3.3 volt input power
- ◆ Electropolishing
- ◆ Higher pressure up to 500 PSIG (3447 Kpa)
- ◆ Relay output, 0.5 amp SPST – NO or NC

APPLICATIONS

- ◆ Pump protection
- ◆ Storage tanks
- ◆ Compressors
- ◆ Medical and laboratory equipment
- ◆ Hydraulic supply lines
- ◆ Oil film detection
- ◆ Coolant reservoirs
- ◆ Boiler water cutoff
- ◆ Sewage systems
- ◆ Pipe lines
- ◆ Hydraulic and lube reservoirs
- ◆ Chillers

PERFORMANCE SPECIFICATIONS

Parameter	Typical Value
Repeatability	2 mm or better
Delay	0.5 seconds
Input Power	5 to 30 VDC
Leakage Current	Less than 50 μ A
Output (standard)	Wet 20 \pm 1 mA; Dry 4 \pm 1 mA

Parameter	Typical Value
Sensor Material	316L Stainless Steel
Temperature	-20 to +176° F (-29 to 80 °C)
Operating Pressure	Up to 250 psig (1724 Kpa)
Mounting	1/4" NPT, 1/2" NPT
Cable Length	1, 4, 10, & 20 foot available

MECHANICAL DIMENSIONS IN INCHES [MM]

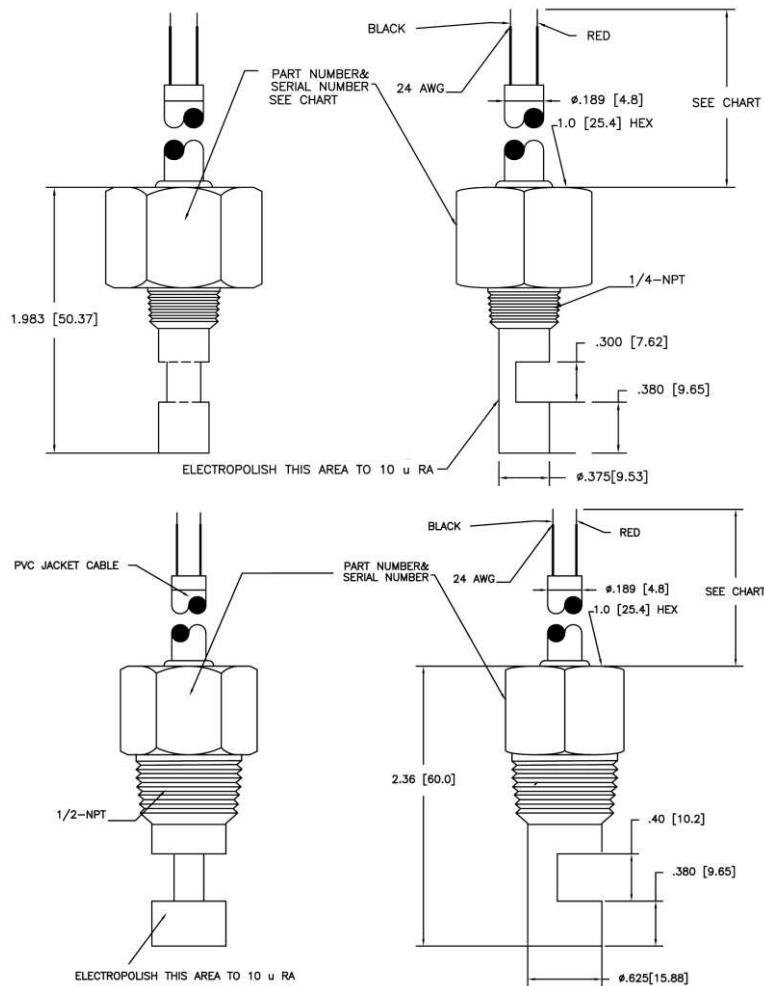


Figure 1: Top - LL-01 series element with 1/4" NPT sensor mounting
 Bottom - LL-01 series element with 1/2" NPT sensor mounting

TYPICAL WIRING DIAGRAM

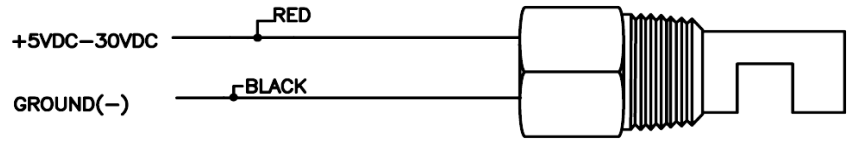
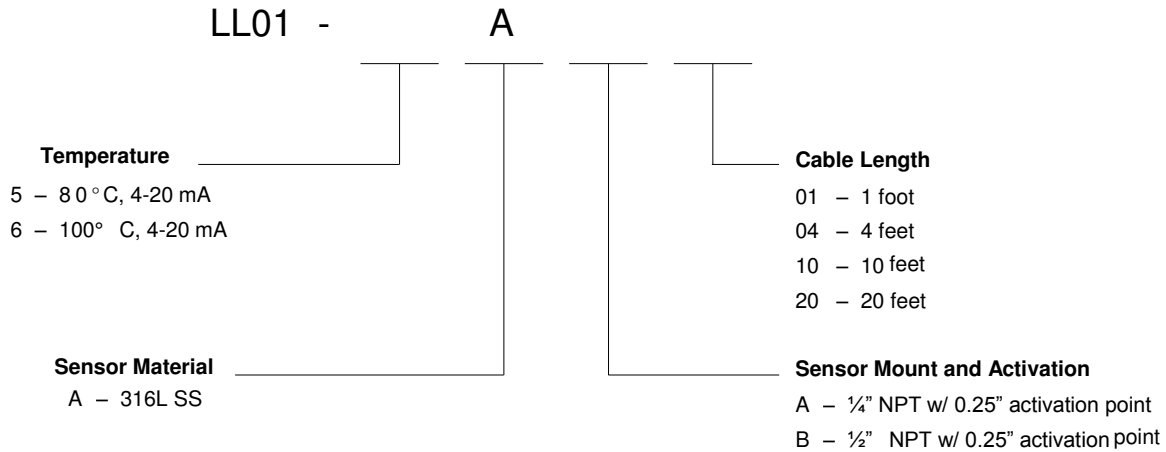


Figure 2: Typical wiring diagram for LL-01 series elements

ORDERING INFORMATION



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Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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