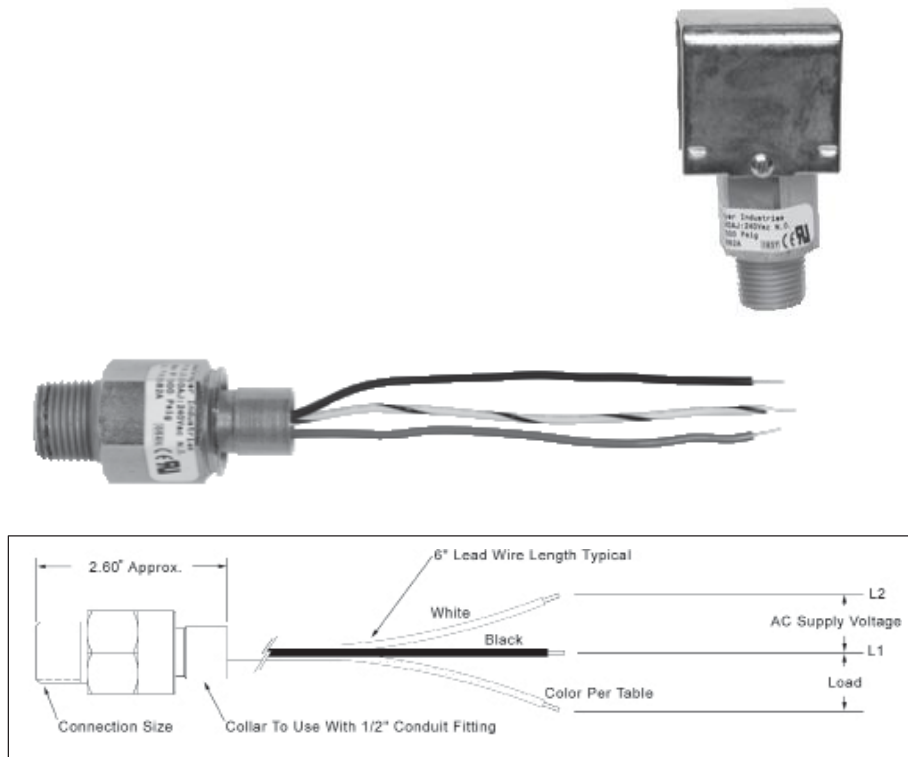


liquid level switches



optional Junction Box

- All switches can be ordered with an optional clip style junction box attached to the switch. When ordering add the letter "J" to the end of the part number.

| Catalog number | Connection size | voltage (60/80 hz) | resistive rating (amp) | Contact s with liquid present | repl. module no. | min/max fluid temp |
|----------------|-----------------|--------------------|------------------------|-------------------------------|------------------|--------------------|
| Is-120 | 1/2" npt | 120 v | 0.5 | Closed | 180-001 | 0°f/200°f |
| Is-120a | 1/2" npt | 120 v | 0.5 | open | 180-002 | 0°f/200°f |
| Is-120-W | 3/4"-16 unJf-3a | 120 v | 0.5 | Closed | 180-001 | 0°f/200°f |
| Is-120a-W | 3/4"-16 unJf-3a | 120 v | 0.5 | open | 180-002 | 0°f/200°f |
| Is-240 | 1/2" npt | 208/240v | 0.25 | Closed | 180-003 | 0°f/200°f |
| Is-240a | 1/2" npt | 208/240v | 0.25 | open | 180-004 | 0°f/200°f |
| Is-240-W | 3/4"-16 unJf-3a | 208/240v | 0.25 | Closed | 180-003 | 0°f/200°f |
| Is-240a-W | 3/4"-16 unJf-3a | 208/240v | 0.25 | open | 180-004 | 0°f/200°f |
| Is-24 | 1/2" npt | 24v aC/d | 0.5 | Closed | 180-007 | 0°f/200°f |
| Is-24a | 1/2" npt | 24v aC/d | 0.5 | open | 180-008 | 0°f/200°f |
| Is-24-W | 3/4"-16 unJf-3a | 24v aC/d | 0.5 | Closed | 180-007 | 0°f/200°f |
| Is-24a-W | 3/4"-16 unJf-3a | 24v aC/d | 0.5 | open | 180-008 | 0°f/200°f |
| Is-240a-It | 1/2" npt | 208/240v | 0.25 | open | n/a | -40°f/200°f |

liquid level switches

The LS liquid level switch is a highly reliable method of detecting fluid levels. Solid state construction ensures many years of trouble-free operation. The hermetically sealed sight glass provides high working pressures without leakage. The liquid level is optically detected through a sight glass. Fluids can be as clear as water or as dirty as crude oil.

The switch must be installed horizontally and must have at least 2" of distance between it and the vessel wall or pipe. Line voltage is wired directly to the switch, removing the need for step down transformers. A 1/2" conduit boss is provided for the mounting of a junction box. Two thread models are available for various applications.

features

- Body made of 1-1/8" Hex Nickel Plate Steel
- Solid state switching
- Serviceable without loss of fluid
- 1000 PSI max working pressure
- UL listed, file number E141577
- Switch rated at over 1 million cycles
- Non-invasive liquid sensing
- Suitable for refrigerants and other industrial fluids non-corrosive to steel and glass

specifications

- Inductive rating = 36va pilot duty rated
- Minimum load = 2ma w/o bleed resistor
- Power consumption = 3.5ma AC
- Power consumption = 5.5ma DC
- Contact power off = Normally open
- Mounting = Horizontal only



