



### DESCRIPTION

The VEC series is a sight gauge level switch with an optional temperature detection. This enables an operator to be able to visually identify the liquid level, provide an electrical signal for low or high level fluid detection as well as monitor the temperature in a reservoir.

### FEATURES

- Compact size
- Easy to install
- Economical

### APPLICATIONS

- Water tank
- Hydraulic units
- Level monitoring

### Specifications

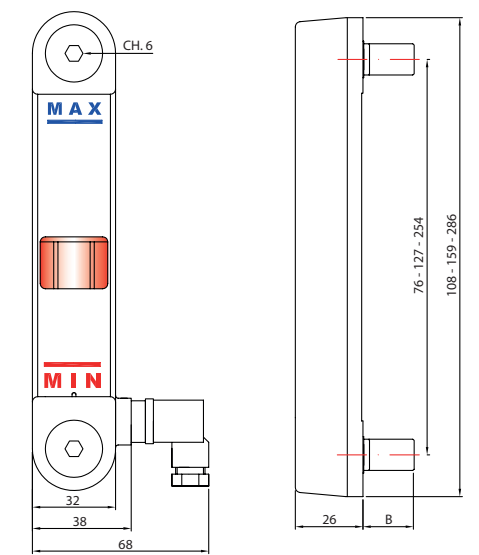
|                       |                                      |
|-----------------------|--------------------------------------|
| Electrical            | 1A, 20W, 20 VA, 150VDC/VAC           |
| Electrical Connection | DIN 40050                            |
| Protection            | IP65                                 |
| Temperature Range     | -4°F to 176°F (-20°C to 80°C)        |
| Tube Material         | TR 55 LX                             |
| Mounting Method       | M12 Screws                           |
| Seal Material         | Standard: NBR O-ring Optional: Viton |
| Maximum Pressure      | 72.5 PSI (5 BAR)                     |
| Weight                | 0.47 lbs (0.23 kg)                   |

### Wiring Code

|                 |           |
|-----------------|-----------|
| CONTACT         | DIN 40050 |
| COMMON          | PIN 1     |
| NORMALLY CLOSED | PIN 3     |
| NORMALLY OPEN   | PIN 2     |
| THERMOSTAT      | Ground    |

\* Reference to in absence of fluid

### Dimensions



### Ordering Information

#### 1 - Model Series

**VEC** - With electrical output

#### 2 - Body Length:

**127** - 127 mm  
**254** - 254 mm

#### 3 - Screw Selection:

**M12** - M12 thread, nickel plated brass

#### 4 - Electrical Configuration for Level (Only for VEC model):

**SPDT** - Single Pole Double Throw

#### 5 - Thermostat Factory set (Optional):

- BLANK** - No Thermostat
- 122NO** - 122°F (50°C), Normally Open
- 122NC** - 122°F (50°C), Normally Closed
- 140NO** - 140°F (60°C), Normally Open
- 140NC** - 140°F (60°C), Normally Closed
- 158NO** - 158°F (70°C), Normally Open
- 158NC** - 158°F (70°C), Normally Closed
- 176NO** - 176°F (80°C), Normally Open
- 176NC** - 176°F (80°C), Normally Closed

#### 5 - Option (Omit if not required):

- 1** - Viton

