

TECHNICAL DATA

L58 tank level control system

FOZMULA
INNOVATION IN SENSORS



The L58 is a tank level and status display unit which can provide automatic level control when used in conjunction with a T/LL50 continuous level sensor and a T/LL70 single point level switch.

SPECIFICATION

Specification - L58 controller

Electrical Supply:

Voltage Supply: 24 VDC
Current Supply: Up to 6A Max. Protection provided by a 6A MCB

User Features:

Auto / Off / Manual Status Switch

Display:

% Tank Level Analogue Meter
4 x LED Indicators for Switch Status
User adjustable switching points
Red 'Alarm' Status Indicator Lamp
Green 'Fuel Filling' Status Indicator Lamp

Physical & Materials:

Size: 380mm width x 280mm height x 130mm depth (15" x 11" x 5.2")

Materials: Polycarbonate Enclosure with Nylon plugs and screws and a Polyurethane gasket. 4off Ø20mm holes provided for electrical connections.

Electrical Output:

Voltage: 0-10VDC \pm 2%
Current: 0/4-20mA and 0-100uA \pm 2%
Pump Output: 24VDC, 2A available
Remote Alarm Output: 24VDC, 1A available

Environment:

Working Temperature: -25°C to 70°C (-13°F to +160°F)
Storage Temperature: -25°C to 70°C (-13°F to +160°F)
Weatherproofing: IP65

Specification - T/LL50 transducer

Fluid Types:

Fluids compatible with the construction materials

Lengths available:

Brass: 200mm to 1000mm (8" to 39")
Stainless steel: 200mm to 2000mm (8" to 78")

Environmental ratings:

Temperature: operating - -20°C to +70°C (-13°F to +160°F)

Specification - T/LL70 float switch

Fluid Types:

Fluids compatible with the construction material

Electrical:

Reeds: quantity: 1
switching: N/O
current: 0.5 A
power: 10VA
voltage: up to 300VAC

Environmental ratings:

Temperature: operating - -20°C to +70°C (-13°F to +160°F)
T/LL70 has been vibration tested to BS EN 60068-2-64:1993 (7.4grms)

Construction:

Header & stem: Brass, 316 Stainless, PVC
Float: Polypropylene, Buna-N
Terminal box: ABS

Fitting:

Standard: 1" BSP

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