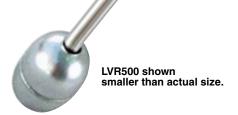
LVR500 Series

FLOAT LEVEL TRANSMITTER



- ✓ High Pressure or Temperature Level Measurement Up to 2 m (6.5')
- ✓ Rugged 316 Stainless Steel Float Guide and Process Mounting Plug
- Polypropylene Junction Box Rated NEMA 4X (IP65) with Conduit Port and Terminal Strip
- ✓ Great for High Pressure Applications Up to 200 psi (13.8 bar)
- Use in Applications with Foam or Turbulence
- Loop Powered Output Interfaces Directly with PLC/SCADA or Local Display



The LVR500 Series float level transmitter provides continuous level measurement up to 2 m (6.5') with a 4 to 20 mA signal output, and is factory configured to your selected dimension. This stainless steel liquid level sensor is well suited for high temperature or pressure tank level applications with relatively clean liquids such as water, diluted chemicals and light weight oils. Typical application examples include boilers and process vessels.

SPECIFICATIONS

Range: 41 to 1222 cm (16 to 48") Accuracy: 0.25% span in water Configuration: None, fixed span Orientation: ±20° from vertical Specific Gravity: 0.55 min
Supply Voltage: 10 to 30 Vdc
Loop Resistance: 600 Ω @ 24 Vdc
Signal Output: 4 to 20 mA, two-wire
Process Temp: -40 to 85°C (-40 to 185°F)
Ambient Temp: -40 to 60°C (-40 to 140°F)

Pressure: 200 psi (13.8 bar) Enclosure Rating: NEMA 4X (IP65)

Enclosure Material: PP Conduit Entrance: Single, 1/2 NPT

Process Mount: 2 NPT Guide-Float Material: 316 SS Classification: General purpose

Compliance: CE

To Or	o Order		
Model No.	Description	Range* cm (in)	
LVR516	Float level transmitter, 4 to 20 mA output	41 (16)	
LVR524	Float level transmitter, 4 to 20 mA output	61 (24)	
LVR532	Float level transmitter, 4 to 20 mA output	81 (32)	
LVR536	Float level transmitter, 4 to 20 mA output	91 (36)	
LVR542	Float level transmitter, 4 to 20 mA output	107 (42)	
LVR548	Float level transmitter, 4 to 20 mA output	122 (48)	

Comes complete with operator's manual.

Accessories

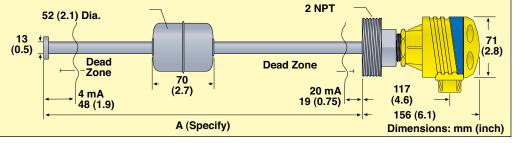
	7.10000001.100		
	Model No.	Description	
	PSU-93	Unregulated 24 Vdc power supply	
	DPi8	1/8 DIN panel meter with 24 Vdc excitation	
	TX4-100	30.5 m (100') spool of 4 conductor wire	

Ordering Examples: LVR516, 41 cm (16") indicating length level transmitter with PP head.

LVR524, 61 cm (24") indicating length level transmitter with polypropylene head.

ntation: ±20° from vertical polypropylene h

"-A" dimension at the end of the part number: The level sensor is offered in six standard guide lengths from 41 to 122 cm (16 to 48"). The 20 mA set point is placed at 19 mm (0.75") below the mounting plug, and the 4 mA set point is placed at 48 mm (1.9") above the guide stop. The space above and below these set points are dead zones.



^{*} For lengths above 48" contact OMEGA for pricing.