

Truflo® — OBS-LC Series

Battery Operated Pressure Gauge & Gauge Guard

- ✓ All Plastic One-Piece Design
- ✓ Industry's Most Accurate | ± 1.0%



Product Description

The **OBS-LC** Series is a Battery Operated intergral molded One-Piece Plastic Pressure Transmitter and Gauge Guard.

With a bright LCD display and an impressive accuracy of 1.0%, OBS-LC pressure transmitters are truly industry leading and unique when it comes to pressure measurements in corrosive environments.

All **OBS-LC** transmitters are available in PVC, PP & PVDF and are equipped with a Teflon® Diaphragm, making the entire unit completely corrosion resistant and the perfect pressure gauge for chemical applications.

Gauge guards are utilized to protect the pressure gauge from any corrosive media in the process system via an isolator.

Engineering the entire body in plastic housing rather than just the guard allows users to be confident that the complete unit can withstand even the most corrosive environments.

Features

- ✓ PVC | PP | PVDF
- ✓ Teflon® Bonded Diaphragm
- ✓ Large LCD Display
- ✓ All Plastic | Completely Corrosion Resistant
- ✓ Psi | Bar | MPa | kg/cm² | Field Adjustable



Intergral Molded Gauge | Gauge Guard

- ✓ No Assembly Required
- ✓ Increased Accuracy Compared to Two-Piece Gauge + Gauge Guard
- ✓ Convoluted Teflon® Diaphragm for Higher Sensitivity



Battery Operated

- ✓ Replaceable Lithium Battery | 3 VDC
- ✓ Long Life Span | >3 Years
- ✓ No Installation Process Required



Model Selection

OBS-LC — Battery Operated Pressure Gauge & Guard		
Size	Part Number	Material
1/2" NPT	OBS-LC-P	PVC
1/2" NPT	OBS-LC-PP	PP
1/2" NPT	OBS-LC-PF	PVDF

1/2" FNPT is standard

Add Suffix -

'M' - Male 1/2" NPT

'F' - Flanged

'S' - 1/2" Socket

*Consult Factory for Flanged Pricing | Alternative Pressure Ratings



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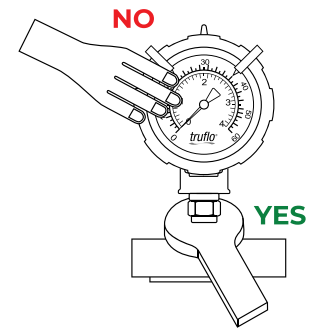


Technical Specifications

Mounting	Direct Mount Bottom Connection
Process Connection	½" MNPT FNPT G Flanged
Power Supply	3 VDC
Pressure Ranges	0-145 Psi
Lens	High Impact Polycarbonate
Accuracy	± 1.0%
Operating Temperature	PVC: 140°F 60°C PP: 190°F 88°C PVDF: 240°F 115°C
Dial	2½" LCD Display
Standards & Approvals	CE FCC RoHS Compliant

Installation Instructions

- Do not tighten by grasping the case of the gauge as this may cause damage. **Always Pressure Test Connections for Leaks** with Water Prior to Use on Chemical Service.
- Before installing the OBS-LC Series pressure gauge, ensure attention is given to the Process Liquid, Chemical Compatibility, Temperature, Vibration, Pressure Spikes, and other climatic and application conditions that may adversely affect the performance.
- The user shall ensure that the correct gauge pressure range and the correct materials of construction are selected.



Temperature | Pressure Graphs | Non-Shock

NOTE: The pressure/temperature graphs are specifically for the Truflo® Pressure Gauges, during system design the specifications of all components must be considered.

