



# All Plastic LED Digital Center Mount Pressure Gauge & Isolator

## Highest Accuracy $\pm 1\%$ + 4-20mA + 2 Relay Outputs

### Industry's First LED Digital All Plastic Combo Gauge + Isolator 'Plug & Play'



### Features

- All Plastic (Gauge + Isolator) Center Mount
- No Filling Required
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert for Bag/Filter Change-Out
- Extra Large LED Display
- Reduces Small Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry  $\pm 1\%$
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm - Standard PP and PVDF
- 15 FT of Cable
- No Assembly Required - Fit & Forget

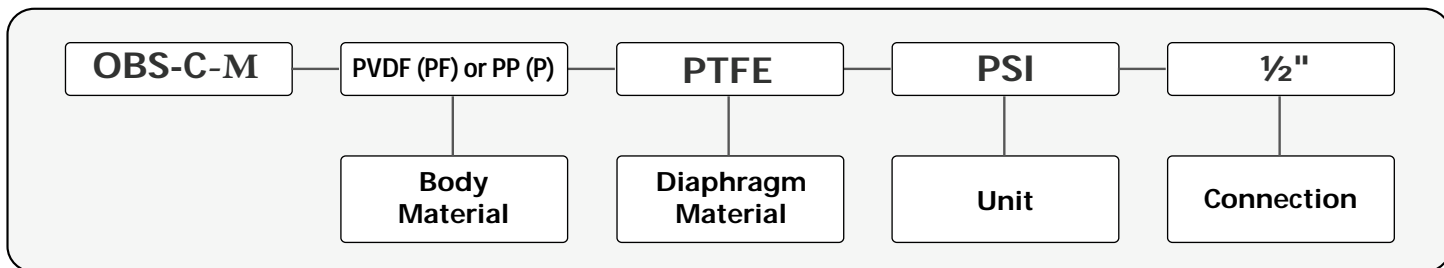
### General Data

SPECIFICATION	DESCRIPTION
Dial Diameter	Large 2½" (Big Numbers)
Mounting	Direct Mount, Bottom Connection NPT ½"
Housing	NEMA 4X PVDF or Polypro - PTFE Diaphragm - One Piece Molded Design (No Assembly)
Lens	Polycarbonate
Dial	Dial LED
Connection	1/2" FNPT
Accuracy	$\pm 1.0\%$
Operating temperature	Max. Working Temp. PVDF-195 F, PP-170°F
Pressure Range	0-290 PSI (Ambient Temp)
Output	4-20mA + 2 (NPN or PNP) Relay Outputs
Power Supply	10-30V DC

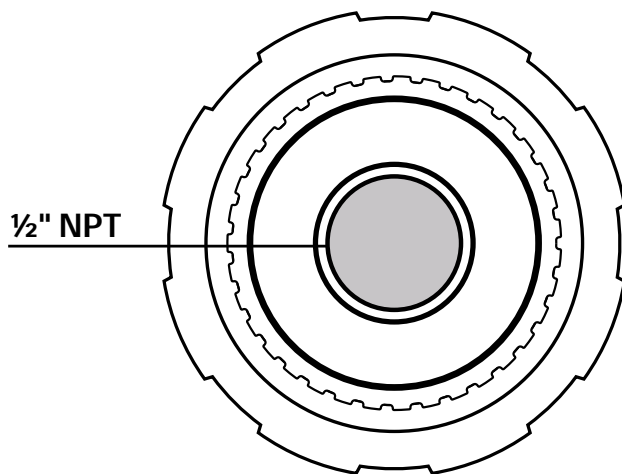
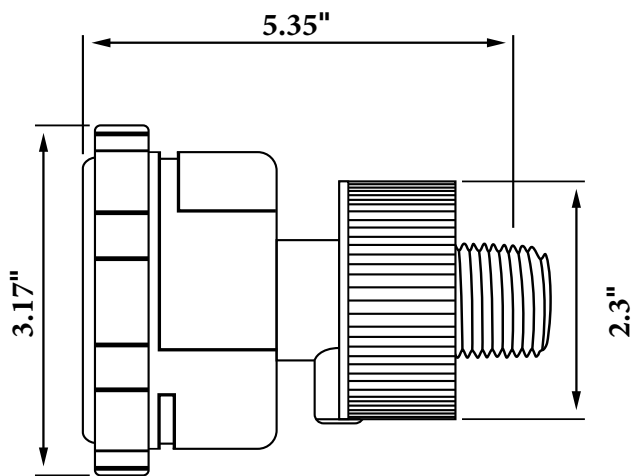
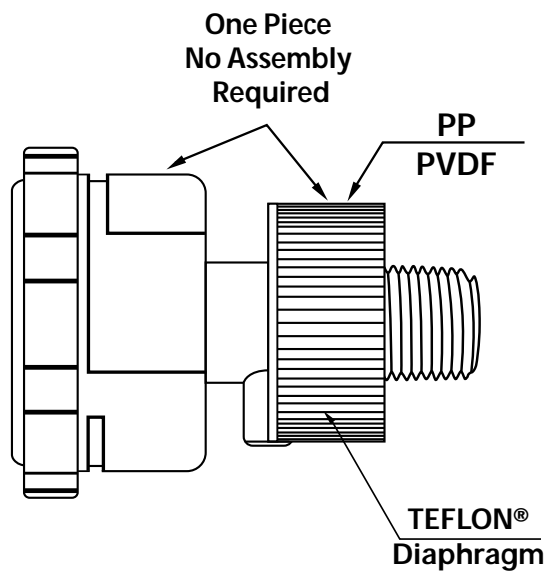
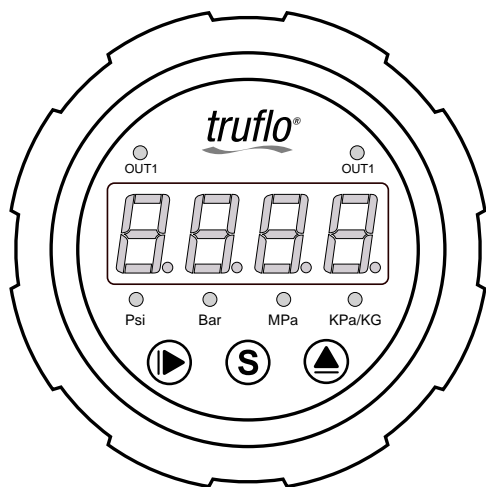




### HOW TO ORDER



### OBS-C Series



## Hysteresis Mode

### Hysteresis Mode (NO Type)

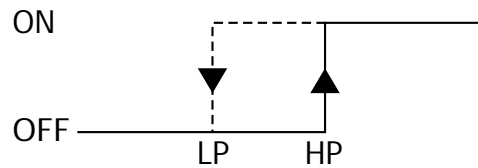


Fig - 1

### Hysteresis Mode (NC Type)

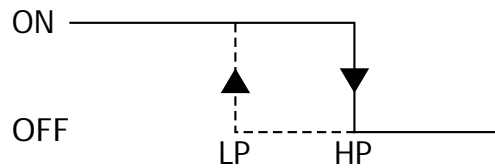
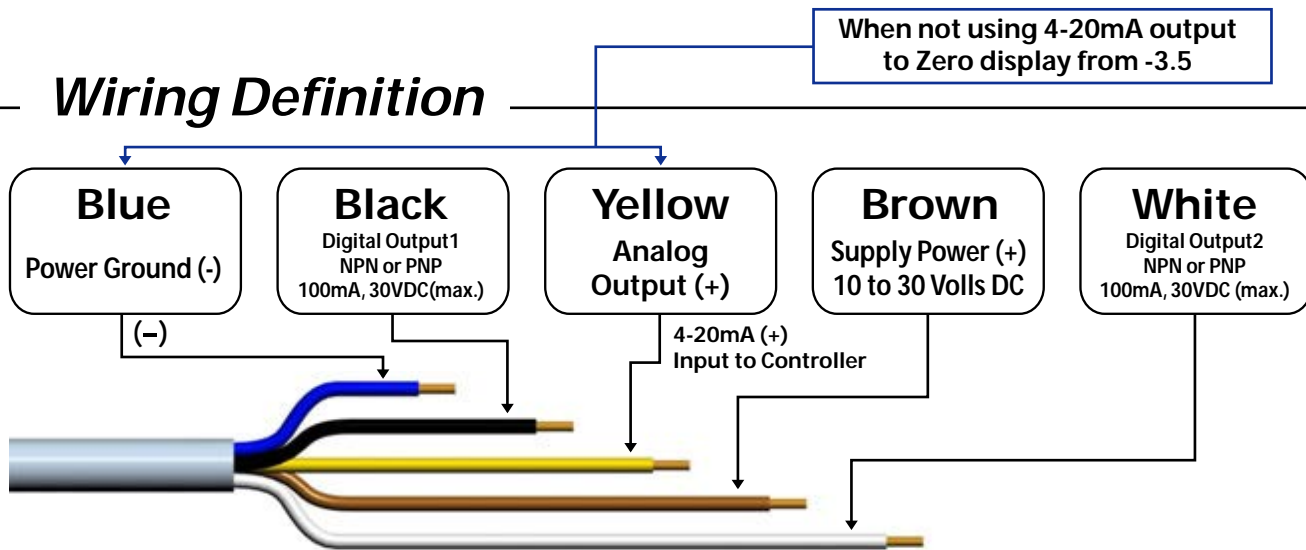


Fig - 2

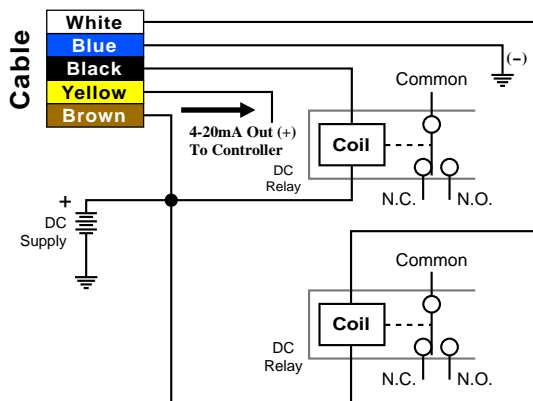
## Wiring Definition



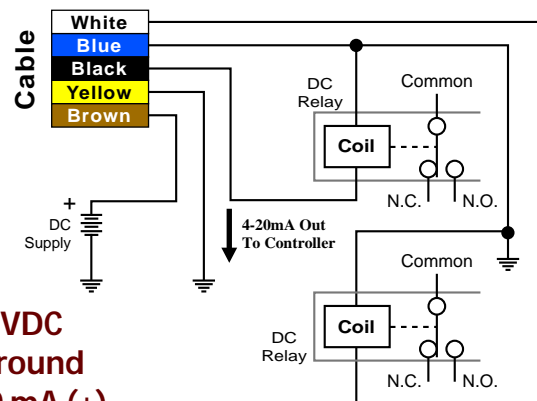
- ⚠ When not using Analog Output (4-20mA) Blue must be connected with Power Ground (Yellow) to Zero Display.
- ⚠ When using 4-20mA output Blue (-VDC) Brown (+VDC) Yellow to mA Input on Controller.

## Wiring Diagram

### 1. NPN Mode



### 2. PNP Mode



**Brown + VDC  
Blue (-) Ground  
Yellow 4-20 mA (+)**