



Beverages Water Oil & Chemicals Transportation

### LEVELBEST™ COMPACT MOUNT CORROSIVE SERVICE SMART LEVEL SENSOR/TRANSMITTER

Levelese™ Levelbest™ Corrosive Service Compact Mount Level Sensor-Transmitter has been specifically designed to accurately gauge corrosive fluid tanks, including Diesel Exhaust Fluid, ranging in depth from 4 inches.

Features include:

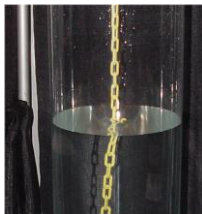
- Level Measurement of Corrosive Fluids including Diesel Exhaust Fluid and Corrosive Liquids.
- Reliable, accurate level measurement from 4 inches through 33 feet.
- Internal ambient temperature and zero sensing and compensation for improved reliability.
- Integral 4-20 mA signal transmitter operating on 12-26 or 5 VDC
- Digital Calibration and Communications

Levelese continuous level monitors are:

- Easy to install and maintain
- Highly reliable
- Without moving parts
- With wide rangeability from 4 in to more than 166 ft
- Demonstrably negligible sensing errors
- Operating in explosive, corrosive and extreme environments
- Independent of measured product

#### HOW IT WORKS

Using the principal of buoyancy the Levelese level measuring system weighs an inert chain, secured below the fluid surface and determines the inverse of liquid level and converts it to an analog or digital electronic signal for indication, alarming or continuous or on-demand transmission.



#### Applications:

- Diesel Exhaust Fluid
- Concentrated and Dilute Acids & Caustics
- Chemical Tanks & Process Vessels
- Tight Fitting Locations

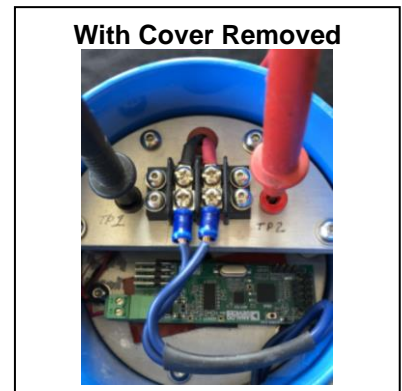
#### Specifications:

- Level Ranges: 0-4 Inches to 0-166 Feet
- Suppressed Zero Ranges (Absolute depth of fluid does not affect the measured range)
- Integrally Mounted Electronics
- Innage or Outage (Ullage) Signals
- Accessible Test Probe Points For Easy Calibration
- Materials of construction: 304 SS, Ti, HDPE Wetted Parts, Polycarbonate NEMA4X Integral Electronics and Terminal Block Enclosure.
- Mounting: 2" NPT & Other
- Accuracy: Better than  $\pm 0.15\%$  FS
- Linearity: Better than 0.98% FS
- Hysteresis: Better than 0.03% FS
- Temperature: -40 to +80°C
- Power: 10-26 VDC @22 mA 5 VDC @ 20 mA
- Digital Communications for Calibration and Reading Over 4-20 mA Signal Loop
- Output/Display
  - a) 4-20 mA, 12-24 VDC Excitation
  - b) Wireless

#### Accessories:

- Stilling Wells
- 100Ω Pt 385 RTD
- Bar Graph and Digital Displays

#### COMPACT MOUNT CORROSIVE SERVICE LEVEL TRANSMITTER



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**LEVELBEST™ COMPACT MOUNT CORROSIVE SERVICE SMART LEVEL SENSOR/TRANSMITTER**

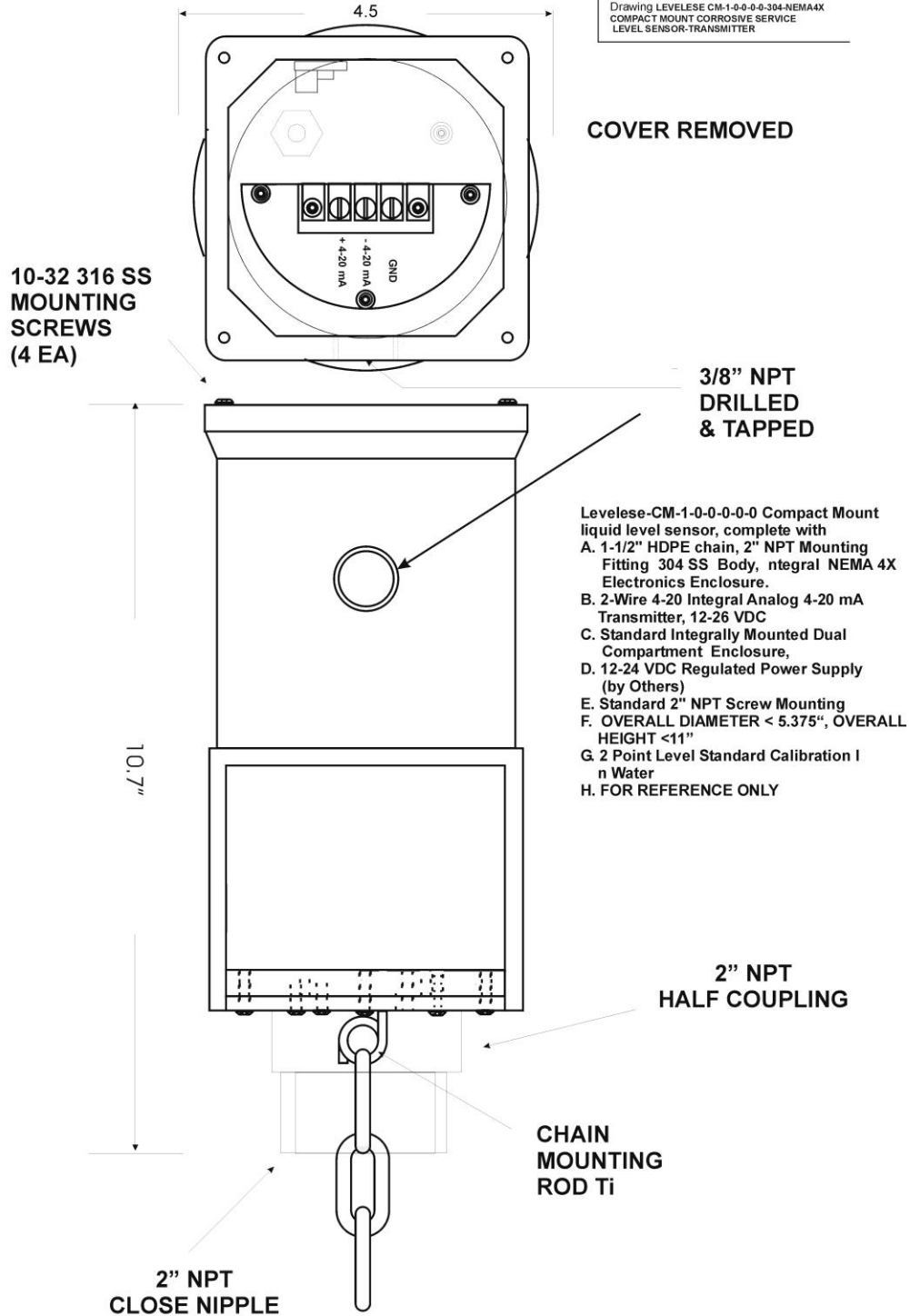
HOW TO ORDER	Body	Output	Pwr	Mount	Cal	Description
<b>LEVELESE LevelBest CM Corrosive Service LEVEL SENSOR</b>	<b>0</b>					<b>Levelese CM 0-0-0-0-0 304 SS Corrosive Service "Level Best" Level Sensor-Transmitter Complete with 1. 1-1/2" HDPE chain, 2" NPT Mounting Fitting, 304 SS Body, Integral NEMA 4X 304 SS Electronics Enclosure</b>
	<b>1</b>					<b>Same as above, except 304 SS Body, Integral NEMA 4X Polycarbonate Electronics Enclosure</b>
	<b>9</b>					<b>Other Materials, Consult Factory</b>
		<b>0</b>				<b>4-20 Integral Analog 4-20 mA Transmitter Smart Transmitter</b>
		<b>9</b>				<b>Other Consult Factory</b>
			<b>0</b>			<b>10-26 VDC Power (by others)</b>
			<b>1</b>			<b>5 Vdc Power (by Others)</b>
			<b>9</b>			<b>Other Power, Consult Factory</b>
				<b>0</b>		<b>Screw Mount, 2" NPT Coupling</b>
				<b>1</b>		<b>Screw Mount, 1" NPT Coupling</b>
				<b>1.5</b>		<b>Screw Mount, 1.5" NPT Coupling</b>
				<b>5</b>		<b>SAE 5-Bolt Flange Mounting</b>
					<b>0</b>	<b>2 Point Level Standard Calibration in Water</b>
					<b>5</b>	<b>5 Point Level Standard Calibration in Water</b>
					<b>9</b>	<b>Other Calibration (Specify)</b>



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**LEVELBEST™ COMPACT MOUNT CORROSIVE SERVICE SMART LEVEL SENSOR/TRANSMITTER**

Levelese, Inc.



LEVELESE CM-1-0-0-0-0-304-NEMA4X COMPACT MOUNT CORROSIVE SERVICE LEVEL SENSOR-TRANSMITTER  
 Description: 304 SS BODY, POLYCARBONATE NEMA4X ELECTRONICS/TB ENCLOSURE  
 Material: Stainless Steel, Ti, Polycarbonate

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Drawn By: SAO

Date: 09-18-20

Checked by: SKIP

Phone: 303-586-1890

Tolerances +/- 0.005", L +/- 1 DEG