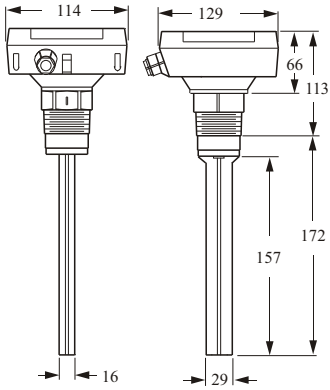
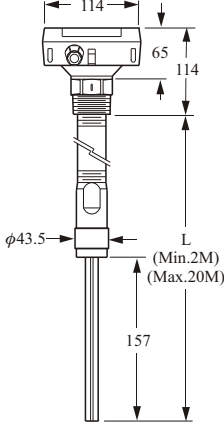
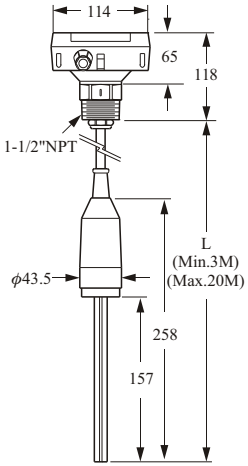


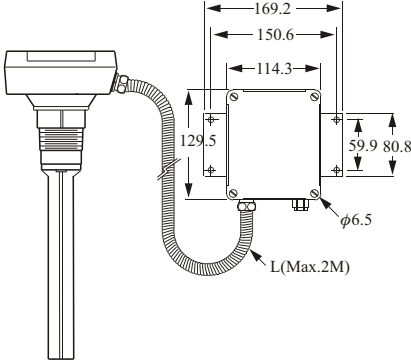
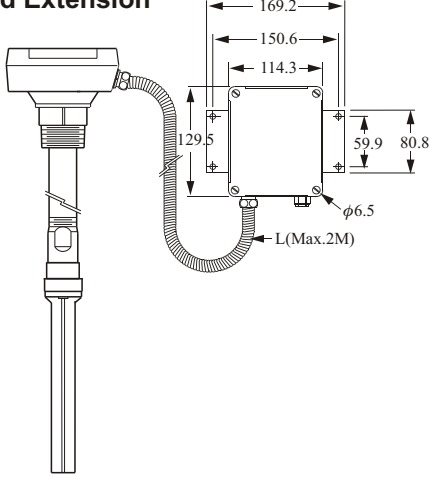
SPECIFICATION

LIGHT SPECIFIC GRAVITY TYPE

DIMENSIONS (Unit:mm)	Standard Type 	Standard W/solid Extension 	Standard W/cable Extension 
Model	ZVL20C	ZVL20E	ZVL20W
Level Sensor Housing	NEMA4, 12 / IP65 Die Cast Aluminum	NEMA4, 12 / IP65 Die Cast Aluminum	NEMA4, 12 / IP65 Die Cast Aluminum
Probe Construction	SUS304	SUS304	SUS304
Mounting	1-1/2"NPT	1-1/2"NPT	1-1/2"NPT
Power Entry	M20x1.5	M20x1.5	M20x1.5
Power Supply
Power Consumption	3VA (MAX.)	3VA (MAX.)	3VA (MAX.)
Min. Material Density Sensed	1.87Lbs.Cu.Ft. (0.03g/cm ³)	1.87Lbs.Cu.Ft. (0.03g/cm ³)	1.87Lbs.Cu.Ft. (0.03g/cm ³)
Operating Temp. In Ambient Air	-22°F ~ 140°F -30°C ~ 60°C	-22°F ~ 140°F -30°C ~ 60°C	-22°F ~ 140°F -30°C ~ 60°C
Operating Temp. In Bin	-22°F ~ 176°F -30°C ~ 80°C	-22°F ~ 176°F -30°C ~ 80°C	-22°F ~ 176°F -30°C ~ 80°C
Operating Pressure.	Vacuum ~150 PSI (10BAR)	Vacuum ~150 PSI (10BAR)	Vacuum ~150 PSI (10BAR)
Relay Output	SPDT 5A/250Vac Max.	SPDT 5A/250Vac Max.	SPDT 5A/250Vac Max.
Time Delay	1 Sec. / Operate 2~5 Secretary / Reset	1 Sec. / Operate 2~5 Secretary / Reset	1 Sec. / Operate 2~5 Secretary / Reset
Extension Material/length	N/A	SUS 304/12Ft. (365.76cm)	Polyurethane Sheeth Steel Reinforced 20Ft.(609.60cm)
Vibrating Frequency.	285 Hz	285 Hz	285 Hz
Selectable Fail-safe	HI./ LO.	HI./ LO.	HI./ LO.
Selectable Sensitivity	HI./ LO.	HI./ LO.	HI./ LO.

SPECIFICATION

LIGHT SPECIFIC GRAVITY TYPE

DIMENSIONS (Unit:mm)	Hi-temp/Remote Electronics 	Hi-temp/Remote Electronics/ solid Extension 
Model	ZVL20R	ZVL20S
Level Sensor Housing	NEMA4,12 / IP65 Die Cast Aluminum	NEMA4,12 / IP65 Die Cast Aluminum
Probe Construction	SUS304	SUS304
Mounting	1-1/2"NPT	1-1/2"NPT
Power Entry	M20x1.5	M20x1.5
Power Supply
Power Consumption	3VA (MAX.)	3VA (MAX.)
Min. Material Density Sensed	1.87Lbs.Cu.Ft. (0.03g/cm ³)	1.87Lbs.Cu.Ft. (0.03g/cm ³)
Operating Temp. In Ambient Air	-22°F ~ 140°F -30°C ~ 60°C	-22°F ~ 140°F -30°C ~ 60°C
Operating Temp. In Bin	-22°F ~ 248°F -30°C ~ 120°C	-22°F ~ 248°F -30°C ~ 120°C
Operating Pressure.	Vacuum ~150 PSI (10BAR)	Vacuum ~150 PSI (10BAR)
Relay Output	SPDT 5A/250VAC Max.	SPDT 5A/250VAC Max.
Time Delay	1 Sec. / Operate 2~5 Secretary / Reset	1 Sec. / Operate 2~5 Secretary / Reset
Extension	6Ft.	6Ft.
Vibrating Frequency.	285 Hz	285 Hz
Selectable Fail-safe	HI./ LO.	HI./ LO.
Selectable Sensitivity	HI./ LO.	HI./ LO.

ORDER INFORMATION

ZVL

ORDER NO. _____

- ZVL20C: Standard
- ZVL20E: Standard W/Solid Extension
- ZVL20W: Standard W/Cable Extension
- ZVL20R: Hi-temp/Remote Electronics
- ZVL20S : Hi-temp/Remote Electronics/Solid Extension

CONNECTION _____

- | | | |
|-----------------|--------------------------|-----------|
| C---3/4"(20A) | M---5kg/cm ² | W---PN 10 |
| D---1"(25A) | N---10kg/cm ² | X---PN 16 |
| E---1-1/2"(40A) | O---150 Lbs | Y---PN 25 |
| F---2"(50A) | P---300 Lbs | Z---PN 40 |
| G---2-1/2"(65A) | Q---PT | |
| H---3"(80A) | R---PF(G) | |
| I ---4"(100A) | T ---BSP | |
| J ---5"(125A) | U---NPT | |
| K---6"(150A) | S---other | |
| S---other | | |

LENGTH (L) (UNIT: Cm) _____

BEFORE YOU ORDER

1. Please affirm the Voltage.
2. Please affirm the mounting positions.
3. Please affirm the material specific gravity (S.G.) value.
4. Please affirm whether any bridge block or vibrating motor are attached onto the silo wall.

Tolerance of the total product length is $\pm 5\text{mm}$

Characteristics, specifications and dimensions are subject to change without notice.

Please contact your nearest distributing office for further information.