



10-10-2023

To: BVCPS, INC.  
775 Montague Expressway,  
Milpitas, CA 95035  
USA

Dear Sir/Madam,

Re: Family Model Declaration

We, Flowline, Inc., for business and marketing purposes wish to list the following models:

FCC ID: 2ACQELR8X

IC: 27195-LR8X

Product Description: Level Probing Radar

Model: LR8X ("X" means 0,1,3 and 5)

<b>Model No.</b>	<b>LR80, LR81</b>	<b>LR83</b>	<b>LR85</b>
<b>Housing Material</b>	PVDF	PBT	PBT
<b>Antenna Material</b>	PVDF	PVDF	PFA
<b>Installation Type</b>	THREAD	THREAD	THREAD OR FLANGE
<b>Antenna Gain (dBi)</b>	15	23	30
<b>Beam Angle</b>	8	6	4
<b>Display</b>	NO	OPTIONAL	YES

All electronic parts, including RF and Bluetooth circuitry, are the same within these models. Differences including housing material, installation method or display inclusion cannot affect the RF performance of the product. The LR80 and LR81 are identical in every aspect and referenced by different model numbers solely for marketing purposes.

Sincerely,

Michael Rafferty, Director of Engineering  
[michael.rafferty@flowline.com](mailto:michael.rafferty@flowline.com), 562.598.3015  
Flowline, Inc., 10500 Humboldt Street, Los Alamitos, CA 90720