

Declaration letter

For our business issue and marketing requirement, we would like to list different model number as following:

Model No.: LR80, LR81, LR82, LR83, LR84, LR85, LR86

Model Difference: The EUT is made up of electronic part, housing part, process connection part, installation accessories part and antenna. All electronic parts including RF circuit are same within these models, and differences of other parts such as Shell Material, Installation method and power supply method etc. can not affect RF performance of the product. Only the differences of antennas can affect the RF performance and we selected the model LR84 with the largest antenna gain for all RF testing. Main difference as below.

Model No.	Installation Method	House material	Lens Antenna Material	Lens Antenna Gain (dBi)	Lens Antenna Size (mm)	Signal Output	Beam angle	Display
LR80	Thread	PVDF	PVDF	15	21	(4-20)mA/HART or RS485/MODBUS Protocol	8°	NO
LR81	Thread	PVDF	PVDF	15	29		8°	NO
LR82	Thread	PVDF	PVDF	23	35		6°	NO
LR83	Thread	PBT	PVDF	23	35		6°	Optional
LR84	Thread	PBT	PFA	30	51		4°	Yes
LR85	Flange	PBT	PFA	28	44		4°	Yes
LR86	Thread or Flange	PBT	PFA	30	51		4°	Yes



Name: Phil Colin, Project Engineer

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