

Xiamen Milesight IoT Co., Ltd.  
 Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China  
 Tel: 0592-5023060  
 Fax: 0592-5023065  
 Email: tongzl@milesight.com

### DECLARATION OF SIMILARITY

Date: 2023-6-26

#### FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division  
 7435 Oakland Mills Road  
 Columbia, MD 21046

We, Xiamen Milesight IoT Co., Ltd., hereby declare that the product: Solenoid Valve Controller (FCC ID: 2AYHY-UC51XV3), model: NC511-DI-915M, UC511-DI-9M, NC511-DI-9M, UC512-DI-915M, NC512-DI-915M, UC512-DI-9M, NC512-DI-9M are electrically identical with the model: UC511-DI-915M with the same electromagnetic emissions and electromagnetic compatibility characteristics.

A description of the differences between the tested model and those that are declared similar are as follows:

The models have same software. The below table show differences:

	PN	External LoRa antenna	Power Support	PCB difference	The other difference
UC511-DI-915M	--	--	Comes with solar panels (6V, 1.7W) + 2*2550mAh chargeable battery (ICR18650/26V, 3.6V, 2550mAh)	Same PCB	No PN code indicates Built-in Lora antenna and no external antenna
NC511-DI-915M	--	--			
UC511-DI-9M	--	--			
NC511-DI-9M	--	--			
UC511-DI-915M	EA	✓	Comes with solar panels (6V, 1.7W) + 2*2550mAh chargeable battery (ICR18650/26V, 3.6V, 2550mAh) +5-24VDC+External Solar panel(6V,5W)		With PN code indicates an external Lora antenna and no internal antenna. And this version has two additional ports, a solar port and an external lora antenna port
NC511-DI-915M	EA	✓			
UC511-DI-9M	EA	✓			
NC511-DI-9M	EA	✓			

UC512-DI-915M	--	--	3*9000mAh replaceable Li- SoCl2 battery(ER26500 ,3.6V,9 000mAh)	Same PCB	No PN code indicates Built-in Lora antenna and no external antenna
NC512-DI-915M	--	--			
UC512-DI-9M	--	--			
NC512-DI-9M	--	--			
UC512-DI-915M	EA	✓			With PN code indicates an external Lora antenna and no internal antenna. And this version has an additional external lora antenna port
NC512-DI-915M	EA	✓			
UC512-DI-9M	EA	✓			
NC512-DI-9M	EA	✓			

Please contact me should there be need for any additional clarification or information.

Best Regards,

Signature:



Printed Name: Zhenlong Tong

Title: Manager