

KM70P01

Pulse output rain sensor for tipping bucket

User Manual

File Version: V21.2.15



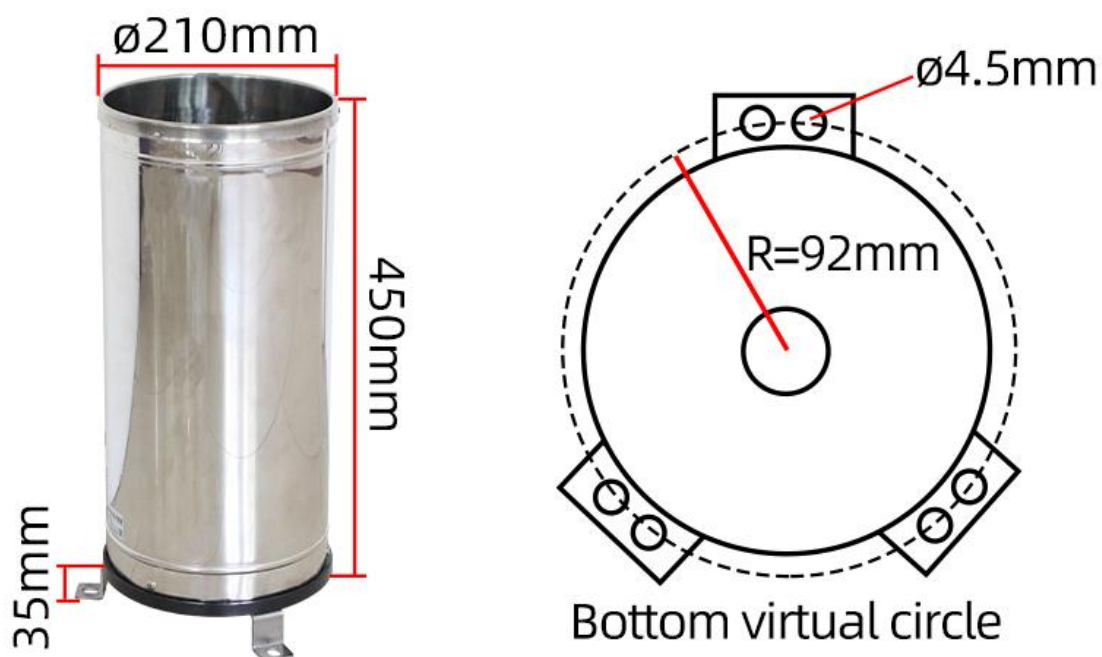
KM70P01 using the standard ,easy access to PLC, DCS and other instruments or systems for monitoring rainfall state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Rainfall range	0.01mm~4mm/min

Rainfall Resolution	0.01mm~4mm/min
Rain inlet size	φ 200mm
Rainfall Sharp edge	40°~45
Rainfall accuracy	± 3%
Power	DC9~24V 1A
Running temperature	-40~80°C

Product Size



How to wiring?



BOTTOM SIGNAL LINE

RS485 output standard wiring
length 5 meters





Pulse output standard wiring
length 3 meters

WATER INLET


The measuring port is $\varnothing 200\text{mm}$
Equal diameter height is 80mm



RS485 Wiring

	RD	PWR+
	GN	PWR-
	YE	RS485 A+
	BU	RS485 B-

ZIGBEE Wiring

	RD	PWR+
	GN	PWR-
	YE	(Z)RS485 A+
	BU	(Z)RS485 B-

Pulse Wiring

Random core color	Signal line
Random core color	Signal line

Application solution

■ RS485 Wiring

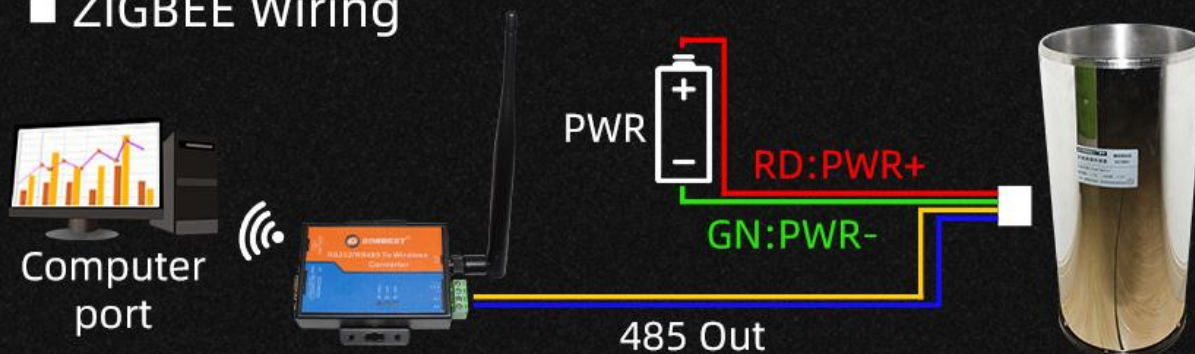


■ Pulse wiring

Signal reception

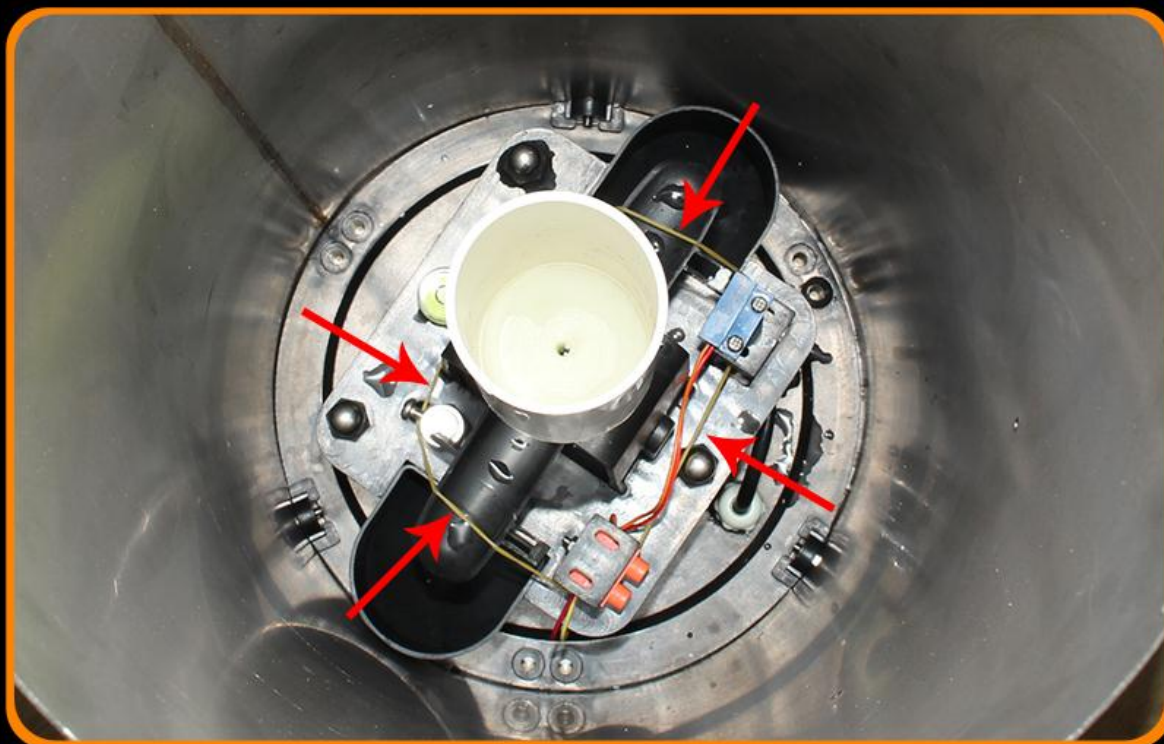


■ ZIGBEE Wiring



REMINDER

In order to prevent internal damage during transportation, there is a rubber band for fixing inside when it is shipped, which needs to be removed during use



How to use?



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