

Verge Environmental Sensor Cleaning Wiper

VWQS-WR01

Data Sheet

Verge Environmental Cleaning System wiper
 Kitted with 4 sensor location and holding discs and spacer mounted in 100mm PVC Shroud
 The online self-cleaning wiper system launched by Verge is reliable and easy to use. Up to four IOT digital sensors can be installed at the same time, and parameters such as dissolved oxygen, pH, ORP, conductivity, and turbidity can be selected. The central wiper unit is programmed to clean a set number of times with a programmed interval, with the best feature that the unit will automatically operate on power-up. The wiper is equipped with an automatic cleaning device, which is composed of a built-in motor drive circuit, a position detection circuit, a DC motor, and a cleaning brush. The automatic cleaning device can effectively remove contamination on the sensor surface, prevent the adhesion of microorganisms, and greatly reducing maintenance costs. Common sensors can be installed in the universal bracket.

Specifications

Parameter	Cleaning
Units	Revs,Interval
Range	0-30 mins 1-6 revs
Resolution	1
Protocol	RS485 Modbus
Temperature Limits	+5 to 45 degC
Voltage supply	12-24 VDC
Housing Materials	Acetyl
Cable Materials	Rubber
Cable Length	5m
Modbus Address (Adjustable)	23(DEC)
Wire colours	Brown: V+, Black: V-, Yellow Modbus A, Blue: Modbus B



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