

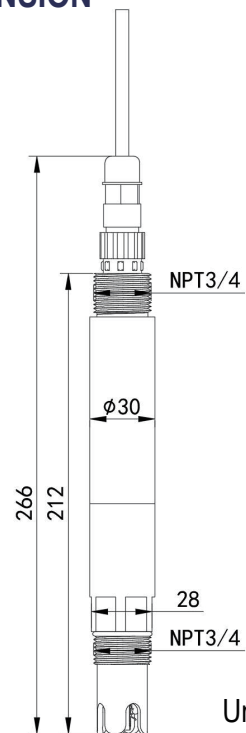
- This product is a device for measuring the PH value of solution (hydrogen ion concentration index, pH value), with automatic temperature compensation function, automatic temperature compensation and manual temperature compensation can be switched at will.
- This product is suitable for industrial sewage, domestic sewage, agriculture, aquaculture and other scenarios in a non-corrosive weak acid and weak alkali environment.
- pH measurement range 0~14pH, resolution 0.01pH.
- The temperature measurement range is 0~60°C, and the resolution is 0.1°C.
- One-piece design, light and simple structure, easy to use
- Waterproof grade IP68.
- With automatic temperature compensation function, manual compensation and automatic compensation can be switched at will.
- RS485 communication interface: MODBUS RTU communication protocol can be easily connected to the computer for monitoring and communication.
- ModBus communication address can be set, baud rate can be modified.
- The equipment adopts wide voltage power supply DC 7~30V.



SPECIFICATION

- ◆ Power: DC 7~30V
- ◆ Power consumption: 0.3W
- ◆ Communication Interface:
RS485; standard MODBUS-RTU protocol; communication baud rate: default 4800 (1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 can be set).
- ◆ pH measurement range: 0~14.00pH ; Resolution: 0.01pH
- ◆ pH measurement error: ±0.15pH
- ◆ Repeatability error: ±0.02pH
- ◆ Temperature measurement range: 0~60°C; Resolution: 0.1°C
(It is the set temperature during manual temperature compensation, the default is 25°C).
- ◆ Temperature measurement error: ±0.5°C
- ◆ Equipment working conditions: ambient temperature: 0-60°C
- ◆ Waterproof level: IP68
- ◆ Pressure resistance: 0.6MPa
- ◆ Line length: Default 5m (other lengths can be customized)
- ◆ Electrode life cycle: 1 year

DIMENSION



Unit: mm

ORDER INFORMATION

DCRS-PH-Y-3- Code1

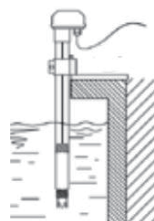
Code1	Electrode
201T	Conventional composite electrode (aquaculture)
202T	Flat desulfurization electrode (wastewater)
204T	Electroplating electrodes (electroplating wastewater, organic matter)
206T	Antimony electrode (containing hydrofluoric acid)

WIRING CONNECTION

	Color	Description
Power Supply	Brown	Power+(10-30Vdc)
	Black	Power-
Communication	Yellow	485-A
	Blue	485-B

INSTALLATION

●Immersion installation



●Pipeline installation

