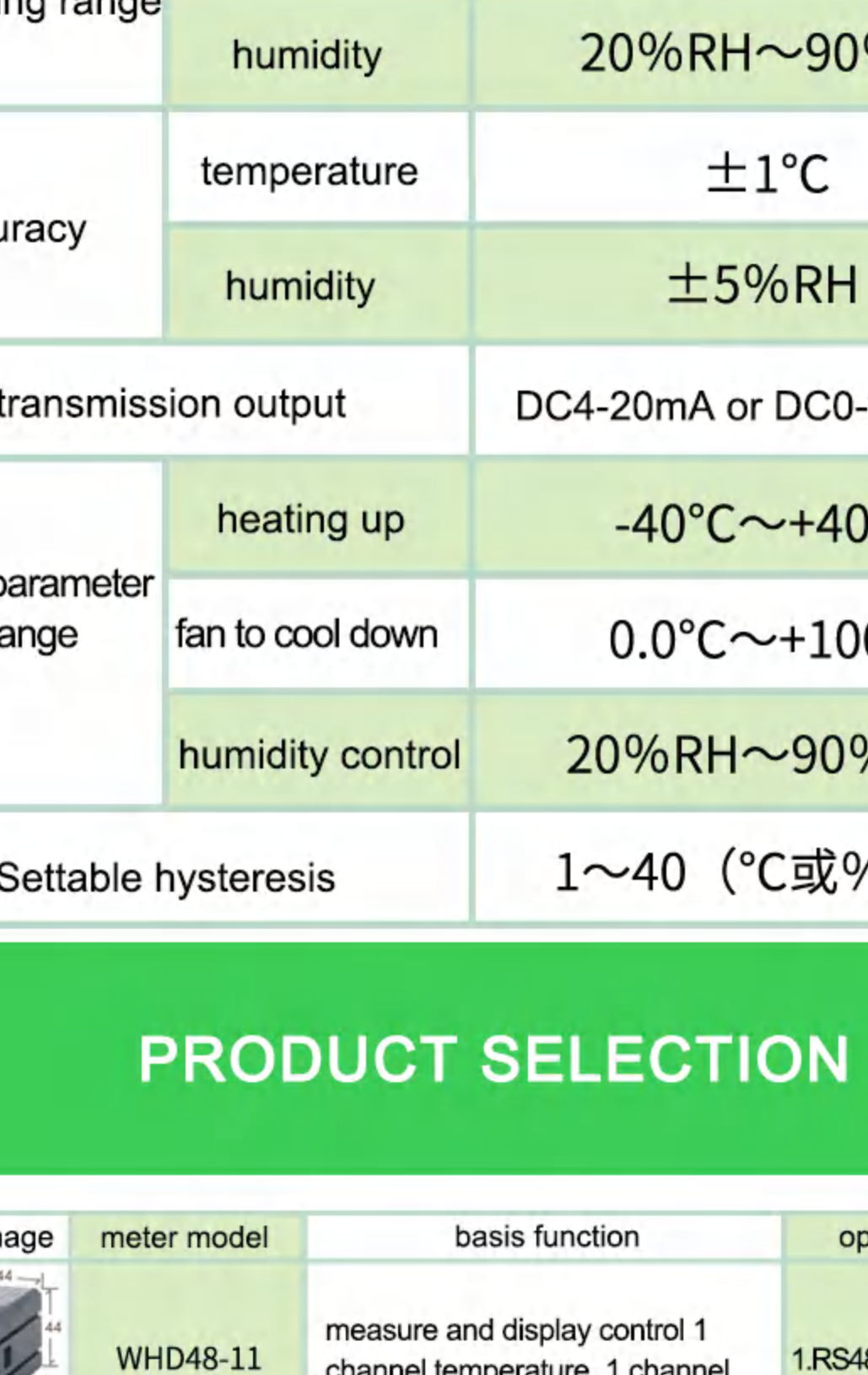


# WHD temperature and humidity controller

Dehumidification heating / dehumidification automatic control / accurate measurement



## TECHNICAL PARAMETER



technical parameter		index
measuring range	temperature	-40°C~+99.9°C
	humidity	20%RH~90%RH
accuracy	temperature	±1°C
	humidity	±5%RH
transmission output		DC4-20mA or DC0-20mA
control parameter setting range	heating up	-40°C~+40°C
	fan to cool down	0.0°C~+100°C
	humidity control	20%RH~90%RH
Settable hysteresis		1~40 (°C或%RH)

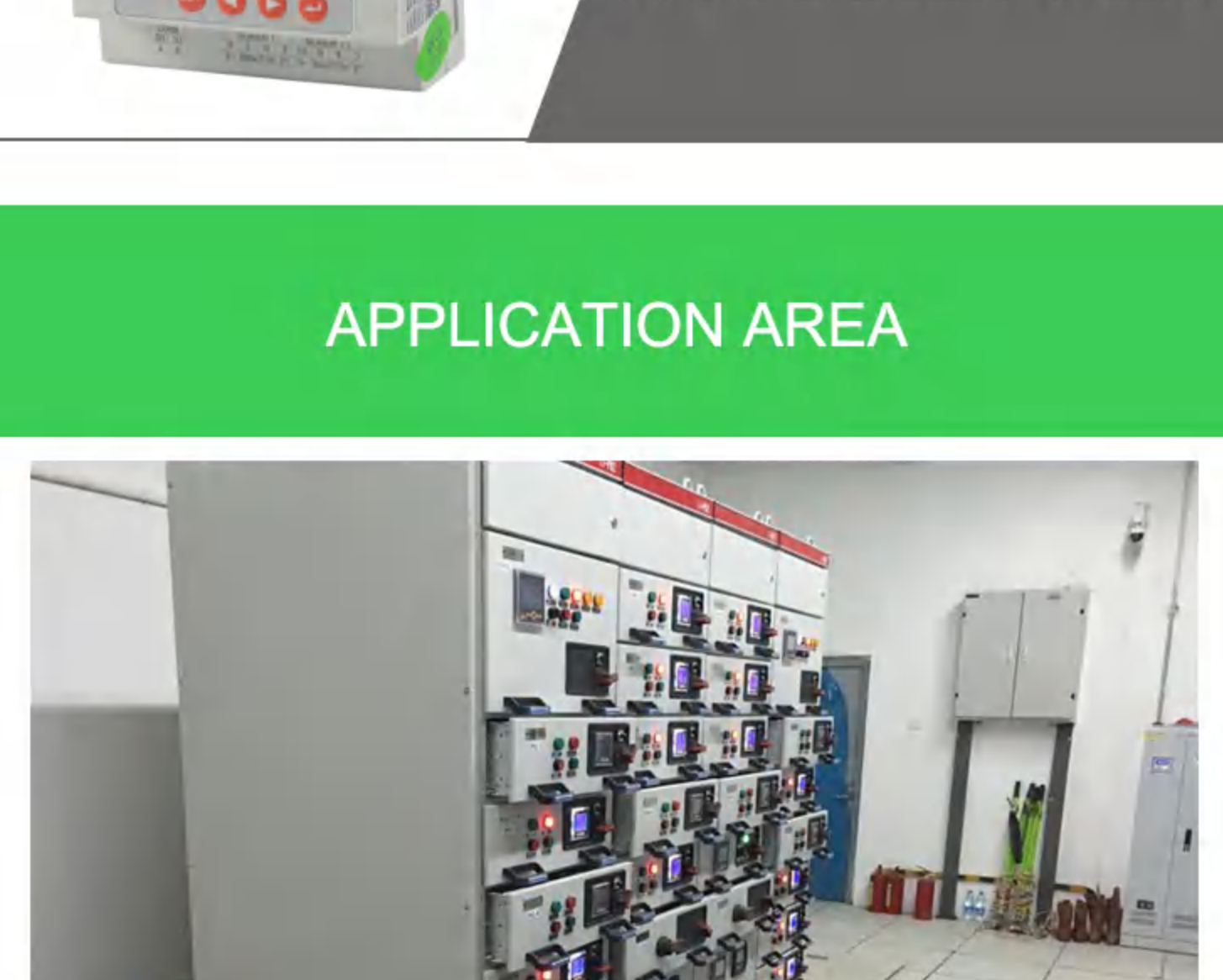
## PRODUCT SELECTION

product image	meter model	basis function	optional function
	WHD48-11	measure and display control 1 channel temperature, 1 channel humidity	1.RS485 (C)
	WHD72-11	measure and display control 1 channel temperature, 1 channel humidity	1. fault alarm(J) 2. RS485 (C) 3. transmission output (M)
	WHD72-22	measure and display control 2 channel temperature, 2 channel humidity	(M and C cannot be selected together) 4.comprehensive pipe gallery (UT)
	WHD46-11	measure and display control 1 channel temperature, 1 channel humidity	1. fault alarm(J)
	WHD46-22	measure and display control 2 channel temperature, 2 channel humidity	3. transmission output (M)
	WHD46-33	measure and display control 3 channel temperature, 3 channel humidity	
	WHD20R-11	measure and display control 1 channel temperature, 1 channel humidity	1. fault alarm(J) 2. RS485 (C)
	WHD20R-22	measure and display control 2 channel temperature, 2 channel humidity	(Both can be publicly selected)

## PANEL INTRODUCTION



## APPLICATION SCHEME DIAGRAM



## PRODUCT CHARACTERISTICS



**LED display**  
PASSWORD PROTECTION FUNCTION TO PREVENT NON STAFF MISOPERATION



**External probe**  
SENSOR PROBE, HIGH MEASUREMENT ACCURACY

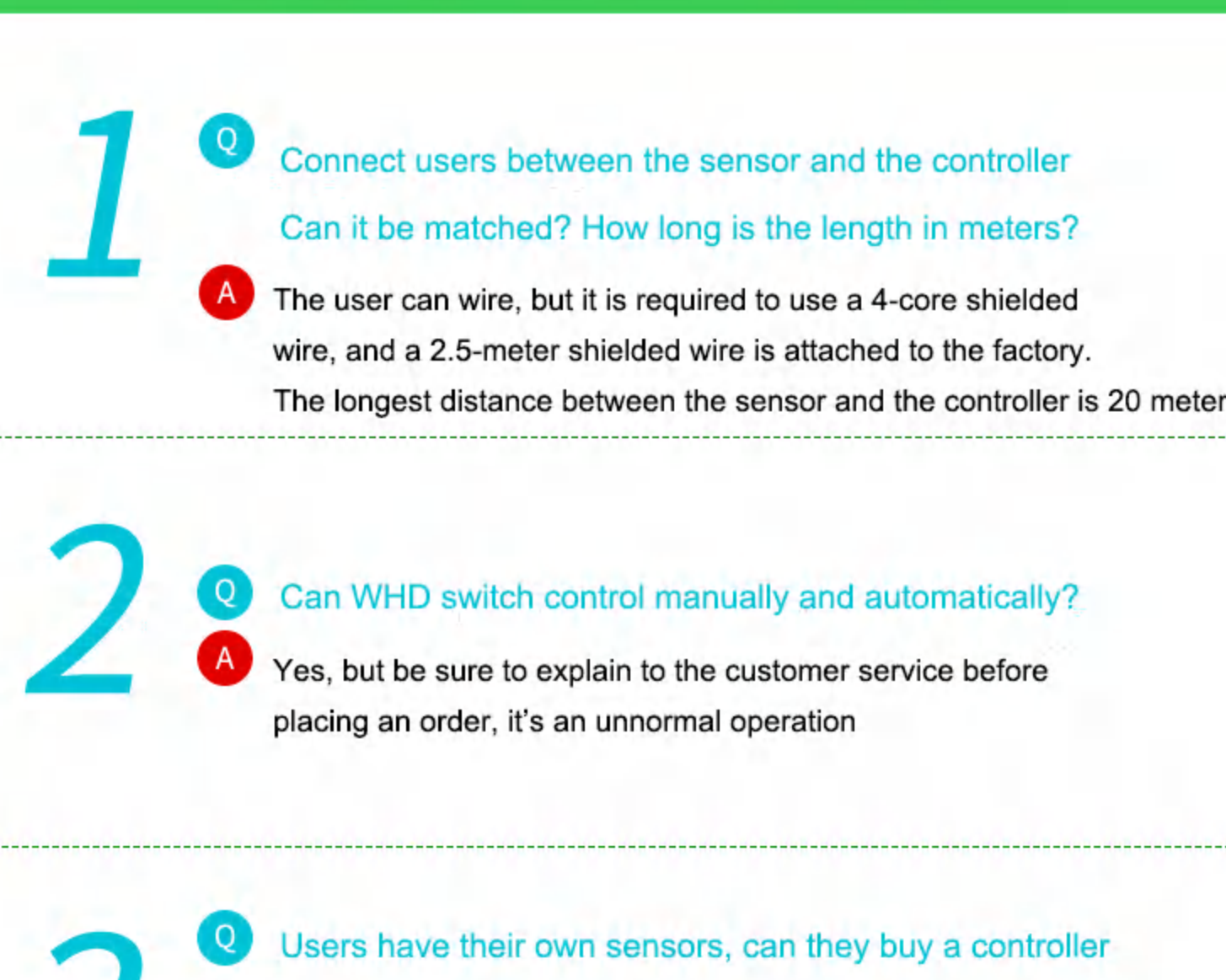


**Exquisite shell**  
ADOPT ABS ENVIRONMENTAL PROTECTION MATERIALS  
STRONG PRODUCT PROTECTION, SURGE LEVEL



**Multiple install**  
35MM STANDARD RAIL INSTALLATION  
A VARIETY OF CUT-OUT SIZES FOR PANEL MOUNTING

## APPLICATION AREA



## PRODUCT DISPLAY



## COMMON PROBLEMS

- Q** Connect users between the sensor and the controller. Can it be matched? How long is the length in meters?

**A** The user can wire, but it is required to use a 4-core shielded wire, and a 2.5-meter shielded wire is attached to the factory. The longest distance between the sensor and the controller is 20 meters.
- Q** Can WHD switch control manually and automatically?

**A** Yes, but be sure to explain to the customer service before placing an order, it's an unnormal operation
- Q** Users have their own sensors, can they buy a controller to cooperate with them?

**A** No, the sensor and controller need to be used together, 2 device can not be sold separately

## COMPANY INTRODUCTION



ACREL CO., Ltd. was founded in 2003 and successfully listed on GEM in 2012. ACREL is a high-tech enterprise that integrates R&D, production, sales and service. since its establishment, it committed to provide users with energy efficiency management and power security system solutions. Acrel Electric has a complete production line from cloud platform software to sensors. At present, more than 10,000 sets of various solutions are running all over the country.

