

INDUSTRIAL PRODUCT DATASHEET

5-Meter RS485 Extension Cable for Sensor Hub

IP68-rated, UV- and rain-resistant 5-meter extension cable for RS485 sensor networks in harsh outdoor conditions.

SKU

321990796

UPDATED

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PRICE

\$9.90(Excl. VAT)



Overview

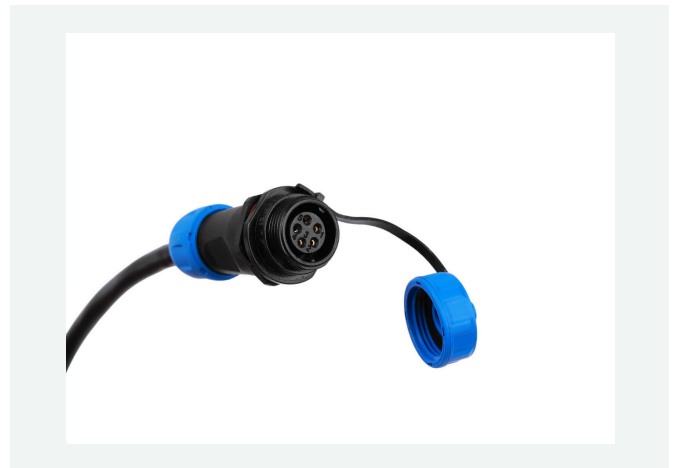


The 5-Meter RS485 Extension Cable for Sensor Hub is engineered for long-term outdoor use with IP68 rating, anti-UV, and anti-rain protection. It extends connections for RS485-based sensors and devices, supporting SenseCAP Sensor Hub, MODBUS systems, industrial automation, outdoor sensor networks, robotics, and environmental monitoring.

Key Features

- IP68 Rating
- Anti-UV and Anti-Rain
- Suitable for long-term outdoor use

Product Gallery



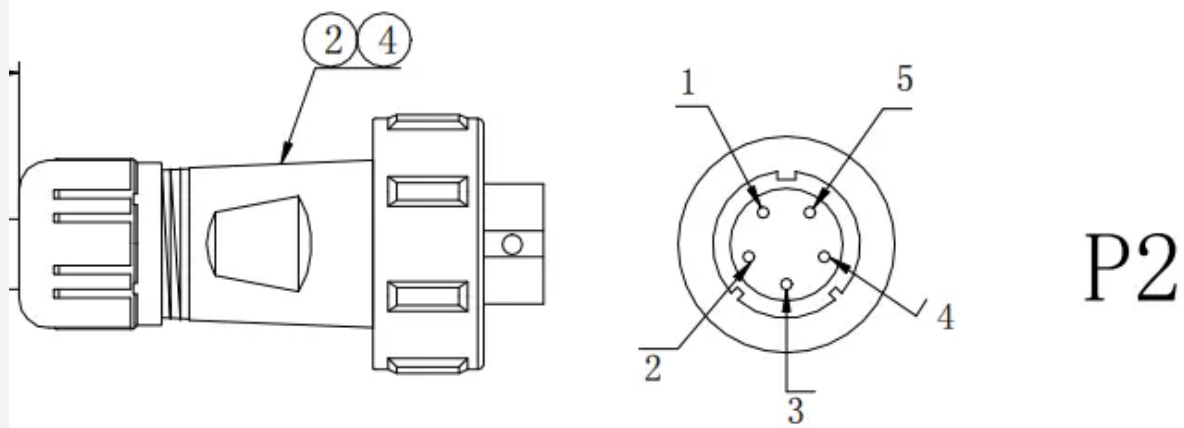
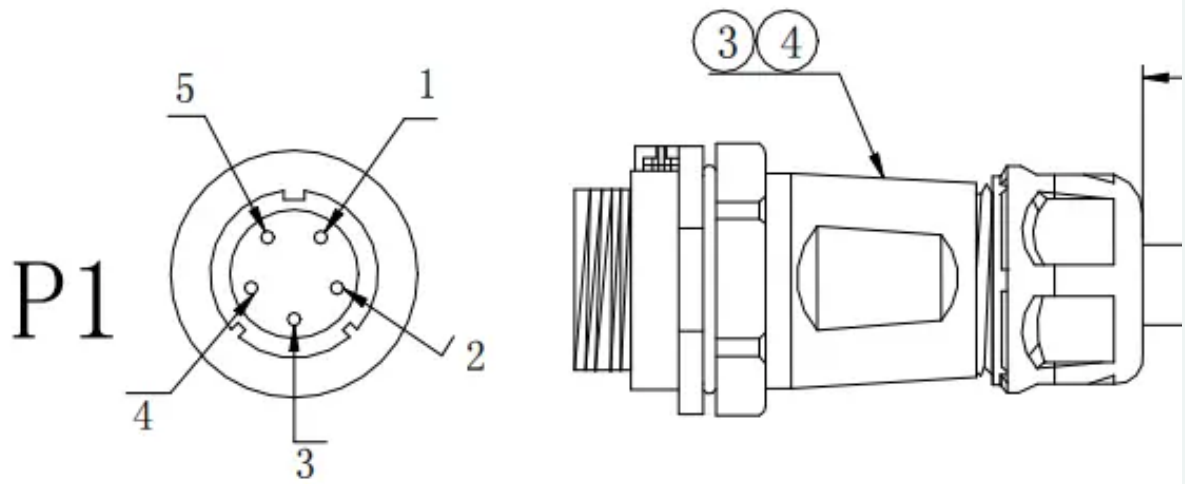
Specification

Cable Parameters		Details
Parameters	Connector Type	Aviation Connector
	Number of Pins	5 Pins
	Protection Rating	IP68
	Signal Type	RS485
Cable	Cable Standard	UL2464
	Core Structure	5 Cores
	Conductor	Tinned Copper
	Outer Diameter	Approx. 5.0 mm
	Jacket Color	Black
Electrical	Rated Voltage	300 V
	Insulation Resistance	$\geq 20 \text{ M}\Omega$
	Withstand Voltage	AC 300 V / DC 300 V
	Conductor Resistance	$\leq 3 \Omega$

Mechanical	Cable Length	5 m
	Insulation Resistance	Soldered
Environment	Operating Temperature	-40°C to +85°C
	Application Environment	Outdoor / Industrial

P1	Color	Description	P2
1	Blue	Power Supply (12V+)	1
2	Red	Power Ground (5V-)	2
3	Yellow	RS485-A	3
4	Green	RS485-B	4
5	Black	GND	5

Hardware Overview



Applications

- RS485-based sensors and devices
- Extending connections for SenseCAP Sensor Hub and other MODBUS RS485 systems
- Industrial automation and fieldbus networks
- Outdoor sensor networks in harsh weather conditions
- Robotics and motion control systems
- Industrial data acquisition, monitoring, and environmental sensing

Part List

Item	Quantity
RS485 5-Pin Aviation Connector Extension Cable (Male + Female)	x1

Compliance & Logistics



HSCODE	8544422900
USHSCODE	8544421000
UPC	
EUHSCODE	8544119000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/RS485-5-5-p-5793.html>

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