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7305 SERIES
DATA OUTPUT CABLES
OPERATION MANUAL

INSIZE

Introduction

7305 Data output cable:
Serial port signal
Interface type: USB and RS232
Transmission mode: Continuous transmission
single transmission(mode can be switched)
Optional accessory: foot switch(code: **7304-2**),
HUB(code: **7302**-HUB, **7302**-HUB7)

7305-40M

7305-R40M

Communication protocol

- Baud: 9600bps
  Data bit: 8
  Stop bit 1
  Check bit: None
  No flow control

- Data output format

D1	D2	D3	D4	D5	D6	D7	D8	D9	D10

+or- Data section (floating point) CR

Data format example

Display	Output
1.234 ➡	+0001.234↙
-1.234 ➡	-0001.234↙

- Pin definition of RS232 plug:

⑤④③②①
⑨⑧⑦⑥

Pin No.	Symbol	Description
2	TXD	Data OUT
3	RXD	Data IN
4	VDD	+5V Power
5	GND	Ground

- Data output format with ID number

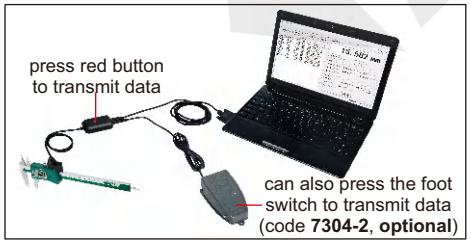
D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21

ID number Blank +or- Data section (floating point) CR

Data format example

Display	Output
1.234 ➡	4109210605 +0001.234↙
-1.234 ➡	4109210605 -0001.234↙

Connect Operation



Operating Instructions

7305 drive installation:

1. Driver download address:
   www.insize.com/download/CP210_Windows_Drivers.zip
2. Unzip package, double-click the installation program, and install:
   (CP210xVCPInstaller_x64 for 64-bit system;
   CP210xVCPInstaller_x86 for 32-bit systems)

7305-40M/7305-R40M/7305-SPC1/7305-SPC1A/7305-C01
Software(Included):

1. Software download address:
   www.insize.com/download/7305-40M.zip

2. Unzip package, Open the software and connect the device to display the data in real time

Switching transmission mode:

1. Open any serial port send-receive software (such as serial port assistant), select the correct communication parameters (9600 N 8 1), and open the serial port

2. Single transmit instruction: rd+ Enter
   Switch single transmit instruction: mb+
   Switch continuous transmit instruction: ml+
   Switch transmit instruction with ID number: sn+
   Switch transmit instruction without ID number: sn-
   Clear instruction: clr (suitable for digital indicators)

3. a. The default transmission mode of data output cables for indicators is continuous transmission, and software is supplied as standard (The software needs to run in continuous transmission mode)
   b. The default transmission mode of other output cables is single transmission