Classification:
Product Functionality for I-7000/M-7000 series

Question

Can the 7000 be used as a full duplex RS-485 system?

Answer

NO, the 7000 is worked in a half duplex RS-485 system. The 7000 use a two-wire, D+ and D-, differential RS-485 network. The D+ and D- signal logically form a single bi-direction data line, so this single data line can send or receive data in the different time. Therefore the 7000 can't send the command string and receive the result string at the same time. The host computer must send the command string first then wait for the result string returned by the 7000.

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