

Delta Plc Programming Cable DIN 8

Industrial USB to RS232 programming cable designed for Delta DVP series PLCs (DVP-ES, DVP-EX, DVP-EH, DVP-EC, DVP-SV, DVP-SS, DVP-SX), providing reliable communication for programming, downloading, and diagnostics.



Key Features

- USB to Mini-DIN 8-pin programming cable for Delta DVP series PLCs
- Compatible with Delta DVP-ES, EX, EH, EC, SV, SS, SX and compatible HMIs
- Integrated high-speed USB-to-serial chipset
- Supports standard serial baud rates from 300 bps to 250 kbps
- Integrated LED activity indicators for TX and RX communication diagnostics
- Industrial shielded cable with molded 8-pin connector and strain relief
- Bus-powered directly from USB host (no external power supply required)
- Plug-and-play driver support for Windows 10/11 and Linux

Ordering Information

Product Code	Description
USB-DVP-8PIN	Delta Plc Programming Cable DIN 8
USB-SC09-FX	Mitsubishi PLC Programming Cable
UC-RS485	USB to RS485 Converter
UC-ISO-RS485	USB to ISO RS485 Converter
UC-RS232	USB to RS232 Converter

Applications

- **Industrial Automation & Process Control:** Reliable signal interfacing and device connectivity across automated production lines.
- **SCADA & PLC Integration:** Seamless communication between field instrumentation and control systems.
- **Control Panel Building:** Compact 35 mm DIN rail mounting for clean and space-efficient cabinet wiring.
- **OEM Equipment & Diagnostics:** Robust electrical protection and standard industrial ratings.

Specifications

Parameter	Value
Mounting Type	Desktop
Dimensions	60 mm x 50 mm x 20 mm (L x W x H)
Enclosure Material	Industrial ABS plastic
Operating Temperature	−10 °C to +60 °C
Storage Temperature	−40 °C to +85 °C
Relative Humidity	5% to 95% RH (non-condensing)

Electrical Specifications

Parameter	Specification
Operating Voltage	5V DC (Bus Powered)
Current Consumption	Low-power industrial design (< 50 mA)
Environmental Protection	IP54 / Industrial ABS Enclosure

Wiring Details & Pinouts

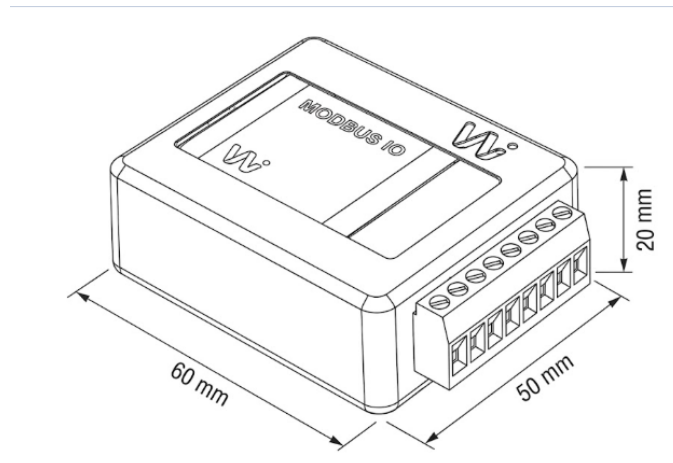
Mini-DIN 8-Pin PLC Connector Pinout

Pin	Signal	Direction	Description
1	GND	–	Signal Ground reference
2	5V	Input	+5V DC supply from PLC programming port
4	RXD	Input	Data Receive (PLC transmit to PC receive)
5	TXD	Output	Data Transmit (PC transmit to PLC receive)
Shell	SHIELD	–	Cable shield and chassis ground

LED Indications and Diagnostics

LED	Color	Status	Description
PWR	Red	ON	USB host power connected and active
TX	Green	Blinking	Transmitting program / upload data to PLC
RX	Red	Blinking	Receiving program / monitor data from PLC

Mechanical Dimensions



Revision History

Revision	Date	Description of Change
Rev 1.0	2026-09-09	Initial datasheet release

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Support

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