

# **DVP01PU-H2 INSTRUCTION SHEET**

安裝說明

### ▲ Position Control Module



industrialautomation

**! Warning**

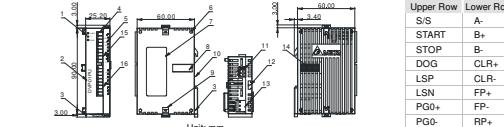
- ✓ This Instruction Sheet only provides descriptions for installation, wiring and trial run. For further information, please refer to the **PLC Application Manual**.
- ✓ **DO NOT** use solenoids when connecting the PLC. Please turn **POWER OFF** before wiring.
- ✓ This is an **OPEN TYPE** PLC. The **PLC** should be kept in an enclosure away from airborne dust, humidity, electric shock and vibration. Also, it is equipped with protective methods such as some special tools or keys to open the enclosure in order to prevent hazard to user or damage the PLC.
- ✓ **DO NOT** connect the AC input power to any of the input/output terminals, or it may damage the PLC. Check all the connections before turning the power ON.

## ① Introduction

## ■ Model Explanation & and Peripherals

DVP01PU-S (positioning unit) is mainly applied to the speed/position control of step/servo driven system. The maximum output pulse can be up to 200 kPPS, and built-in various route control modes. The DVP-PLC SS/SA/SC/SX/SV series can read/write DVP01PU-S via FROM/TO instructions. There are 49 CRs (Control Register) with 16-bit for each register in DVP01PU-S. The 32-bits data is composed of 2 continuous CR number.

#### ■ Product Profile & Outline (LED Indicator and Terminal Block)



- | Unit, Unit                                | A+   | RP-              |
|---|--|------------------|
| 1. Status Indicator (Power, LV and ERROR) | 2. Model name                                  | 3. DIN rail clip |
| 4. Terminal                               | 5. Terminal indicator                          | 6. Mounting hole |
| 7. Nameplate                              | 8. Extension port to connect extension module  |                  |
| 9. Extension unit/module clip             | 10. DIN rail track (35mm)                      |                  |
| 11. RS-485 communication port             | 12. Clip for combining extension modules       |                  |
| 13. Power input                           | 14. Extension port to connect extension module |                  |
| 15. Logic output terminal                 | 15. Logic output terminal                      |                  |

#### ■ LED Display

POWER : Power indicator, +5V internal power	START : Start input
LV : Low voltage indicator	STOP : Stop input
lit when external input power is lower than 19.5V	DOG : DOG (near point signal) input
ERROR : Error indicator (ON/OFF blinking).	FP : CW pulse output

It will blink when CR#39 is not 0.	RP	: CCW pulse output
LSP : Right limit input indicator	ΦA	: A-phase input of manual pulse generator
LSN : Left limit input indicator	ΦB	: B-phase input of manual pulse generator
PGO : Zero signal input indicator	CLR	: Output clear signal

#### ■ Input/Output Terminal

Description	Terminal name	Content	Response
Power supply	+24V, 0V	Power input/24V DC (-15 ~ +20%) Current consumption 70±10mA; Startup peak current 1.3 A	-

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