Operating Unit

VM1891

Easy Operation

Operating unit for marking machine

Supported models

VM1210 / 1240 / 1250
VM2010 / 2020 / 2030
VM1000A / 1000B1

Introduction

- VM1891 operating unit can be used for starting the marking machine, registration of characters, setting of marking condition, changing settings, inching and so on.
- This unit is connected to RS-232C port on control unit of marking machine.

Features

- Available for VM1210, VM1240, VM1250, VM2010, VM2020, VM2030, VM1000A and VM1000B1. Easy to change machines by key operations.
- Compact and light weight for portable on-site field. Accompalished to operate the machine with watching the move of pen nearby.
- Easily attacheable as pendant.
- Simple operation, easy to use for field operation.
- I/O signal (serial/parallel) monitor.
- Alarm history recorded, useful for maintenance.
- Parameter saving for data backup.
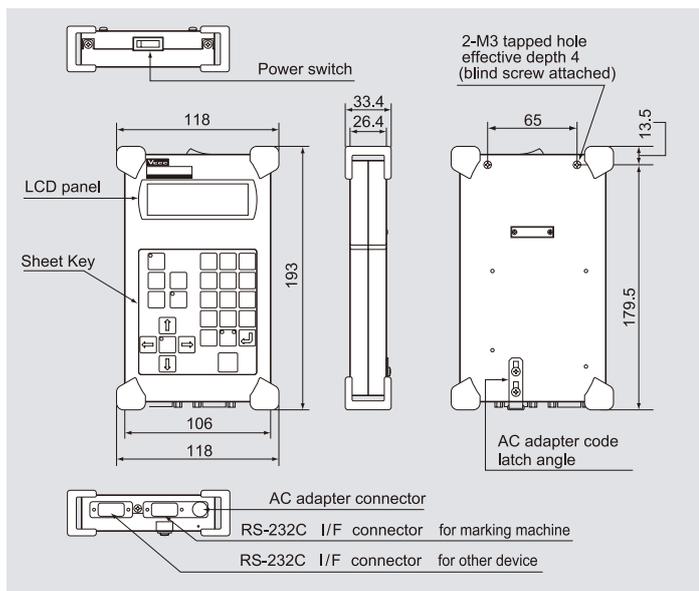
Vector Co., Ltd.

Specifications

Supported model	Air pen marking machine	VM1210 VM1240 VM1250	VM2010 VM2020 VM2030	VM1000A (Discontinued) VM1000B1(Discontinued)	All functions (including optional function) of each marking machine are available.
Interface	RS-232C ×2 (as standard)				
Monitoring Function	Signals on RS-232C and *parallel I/O interface can be monitored.				*Parallel I/O interface may not be available according to purchasing time.
Checking Function	Signals on *parallel I/O interface can be controlled with key switches manually.				
Warning/Alarm function	Warning display, Alarm display, Alarm history				

Power Source	100 to 240 VAC, 50/60HZ, Approx. 20VA	Accessories	AC adapter Operation manual
Environment conditon	Operating temperature: 0 to 40 degrees C Storage temperature: -5 to +50 degrees C Relative humidity 90%RH or less (No condensation)	Options	AC adapter for foreign use (Attached power cable is available in Japan only.) RS-232C cable (market products available) VM7872 RS-232C cable 9P (robot cable 5m) VM7873 RS-232C cable 25P (robot cable 5m)
Dimensions	Approx. 118(W) x 193(H) x 33.4(D) mm		
Mass	Approx. 500g (without coupling cable)		

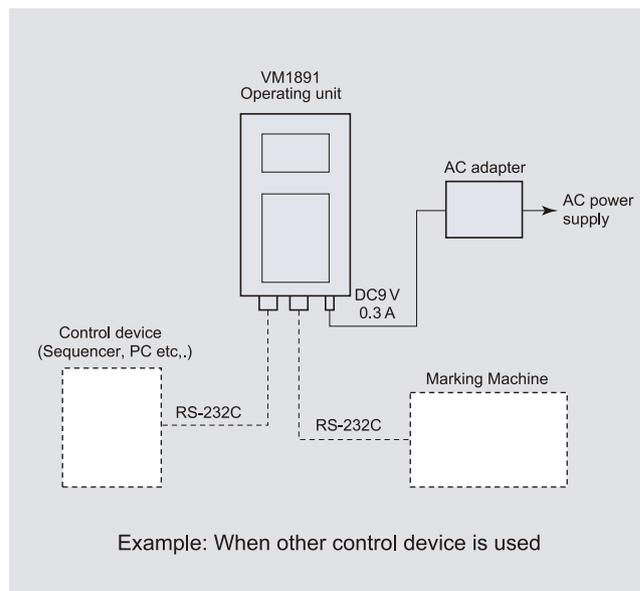RS-232C cable is not standard equipment. Please purchase separately.

Dimensions

Unit:mm

Power switch
2-M3 tapped hole effective depth 4 (blind screw attached)
118
33.4
26.4
65
13.5
LCD panel
193
179.5
Sheet Key
106
118
AC adapter code latch angle
AC adapter connector
RS-232C I/F connector for marking machine
RS-232C I/F connector for other device

Weight: Approx. 500g (without coupling cable)

Connection Diagram

VM1891 Operating unit
AC adapter
AC power supply
DC9 V 0.3 A
Control device (Sequencer, PC etc,,)
Marking Machine
RS-232C
RS-232C

Example: When other control device is used

Standard equipment

*When single connection, control device on the diagram is excluded

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