



## Injection Molding Monitoring System MVS08


# Instruction Manual for Connection Cable

Thank you very much for purchasing the products of Futaba Corporation. Please read this instruction manual thoroughly and use it for a long time.

### ■ Handling Precautions

	<b>Warning</b>	<b>Be sure to unplug the power cable from the outlet when installing or connecting the cable. Failure to do so may cause an electric shock or malfunction.</b>
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	<b>Warning</b>	<b>Do not use a cable that is broken or damaged in the cable sheath. Failure to do so may cause a fire, electric shock, damage to the</b>
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	<b>Caution</b>	<b>Do not splash water on the sensors, amplifiers, junction box, or connection cables. Failure to do so may result in electric shock or damage to the equipment.</b>
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### 1. SPECIFICATIONS LIST < Production code: WCI0130-6P N-MVS08 >

Number of points measured	Up to 1 point
Compatible device	Pressure measuring device: MPS01A
Cable length	3m
Environmental resistance Ambient temperature	0~+40°C
Weight	Approx. 140g

### 2. Connection list... Refer also to the system configuration diagram on the back

MVS08	Connection cable		MPS01A
Display	MVS08 side	MPS01A end	Display
CH1 ~CH8	No indication (plug)		B1
			A1
			B2
			B3
			B6
			A6

### 3. Connecting to MVS08 Unit

Plug the connecting cable into the connector on MVS08.

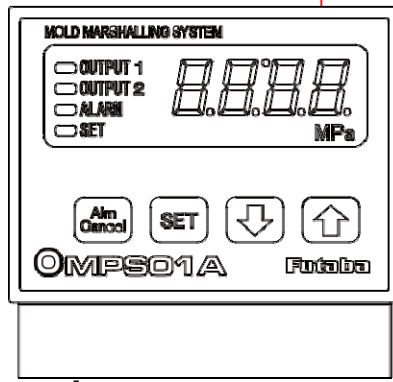
There is a rotation-stop. Screw the plug to the right or left to find the fitting position, and then insert it all the way in.

# System configuration diagram for MVS08 injection molding monitoring system and MPS01A inline pressure measuring unit

Available separately

Included with MVS 08A-S

Inline pressure measuring unit  
Product code: MPS01A



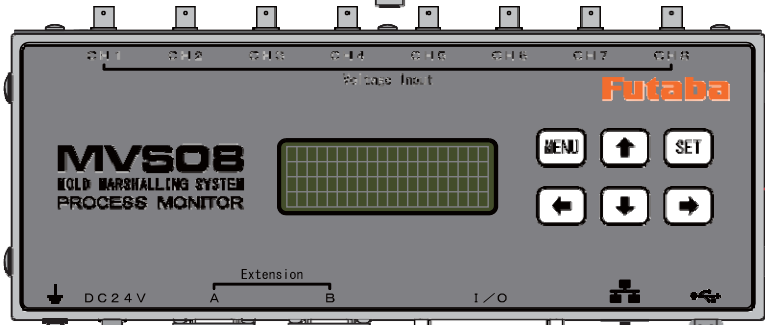
A1	0V [Power]
B1	+24V [Power]
B2	Trigger input
B3	Input COM
A6	Analog voltage output (-)
B6	Analog voltage output (+)

Pressure sensors- ejector pin type (SSE series)  
Pressure sensors- button type (SSB series)  
Product code: Refer to the catalog

Ground cable  
(commercially available)

Voltage input cable (6-core) (3m)  
Product code: WCI0130-6P N-MVS08  
  
Acquires one voltage input channel of the MPS01A and outputs MVS08 trigger input signals to the MPS01A.  
  
Also supplies power from the MVS08 to the MPS01A

Injection molding monitoring system  
Product code: MVS08A-S



Measurement Software  
※ Measurement PC not included.

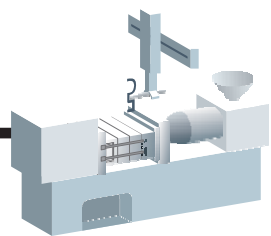
LAN cable (2m)

Ground cable  
(commercially available)

AC adapter (AC100~240V)

Amplifier interconnection cable (0.5m)  
Product code: WCM0005 N-MVS08  
  
This is required to connect multiple MVS08A units

Signal input/output cable (3m)  
(with Y terminals, x25)



Injection molding machine