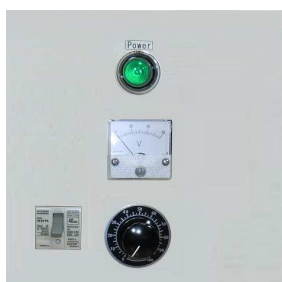


Speed proportional Heater controller HCS series



Heat-tech

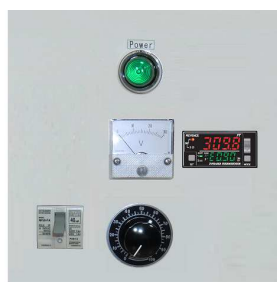
Speed proportional heater controller HCS series



HCS



HCS/SM



HCS/PM



HCS/SMPM

◆ Feature ◆

- 1 User can specify the option CUD for Color Universal Design type.
A blue indicator light is used, and the color scheme is easy for anyone to see.
- 2 The rotary encoder is used to control the heating temperature proportional to the speed of the belt conveyor or line. When the line stops, so does the heater.
- 3 HCSS can be heated only when there is a work in synchronization with the photoelectric switch.
- 4 HCSS saves energy because it stops heating when there is no work.
- 5 HCSS/SM can measure the temperature of only the object to be heated in synchronization with the photoelectric switch.
- 6 By attaching the front protection rail, back protection rail, and handle as options, it becomes a site movement specification.

Model configuration

Basic model	Synchronous	Control	Power supply	Control current	Additional function	Contents
HCS						
	Nothing					Nothing
	S					Sensor synchronization function
		Nothing				Nothing
		F				Feedback control using a temperature controller and a radiation thermometer
			AC100~240V			Power supply voltage AC100-240V
				30A		Control current 30A
				60A		Control current 60A
				80A		Control current 80A
				100A		Control current 100A
					Nothing	Nothing
					CUD	Color universal design type blue indicator light
					SM	Mounted on the surface of the speedometer
					PM	Mounted on the surface of the radiation thermometer
					DC24	24V DC power supply for cooling fan
					BO	Heater disconnection alarm
					RC1	Remote control: Start / stop heating by external signal
					RC2	Remote control: Control the output voltage with an external 4 to 20mA signal
					RC3	Remote control: Set the target temperature with an external 4 to 20 mA signal
					MONT	Temperature monitor output 4-20 mA signal
					MONS	Speed monitor output 4-20 mA signal
					FPR	Front protection rail
					RPR	Rear protection rail

[Optional product]

Rotary encoder incremental type 100 pulse / rotation
Photoelectric switch for synchronization
Radiation thermometer 0-500°C type
Radiation thermometer 0-1350°C type
Power cable We will manufacture the specified power cable.
Flexible stand for radiation thermometer

Standard type HCS

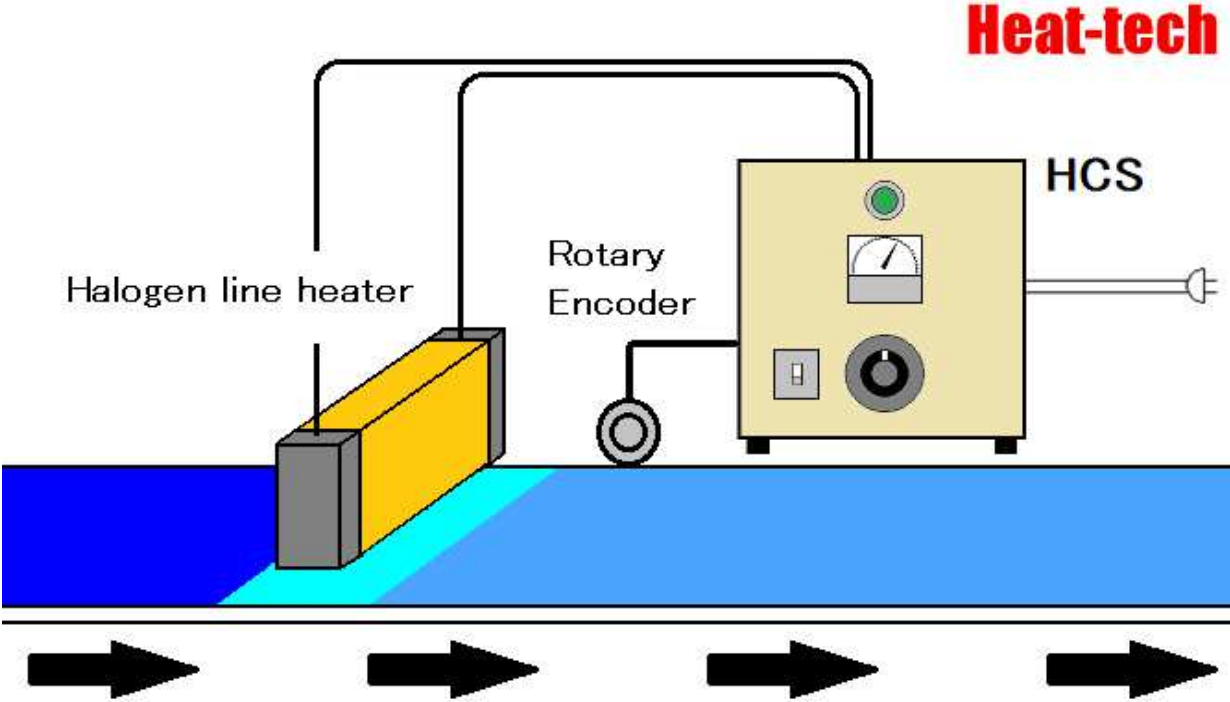


The rotary encoder is used to control the heating temperature proportional to the speed of the belt conveyor or line.

The heater output is increased when the line speed is increased, and the heater output is decreased when the line speed is decreased.

When the line stops, so does the heater.

Fine adjustment is made with the dial mounted on the surface.



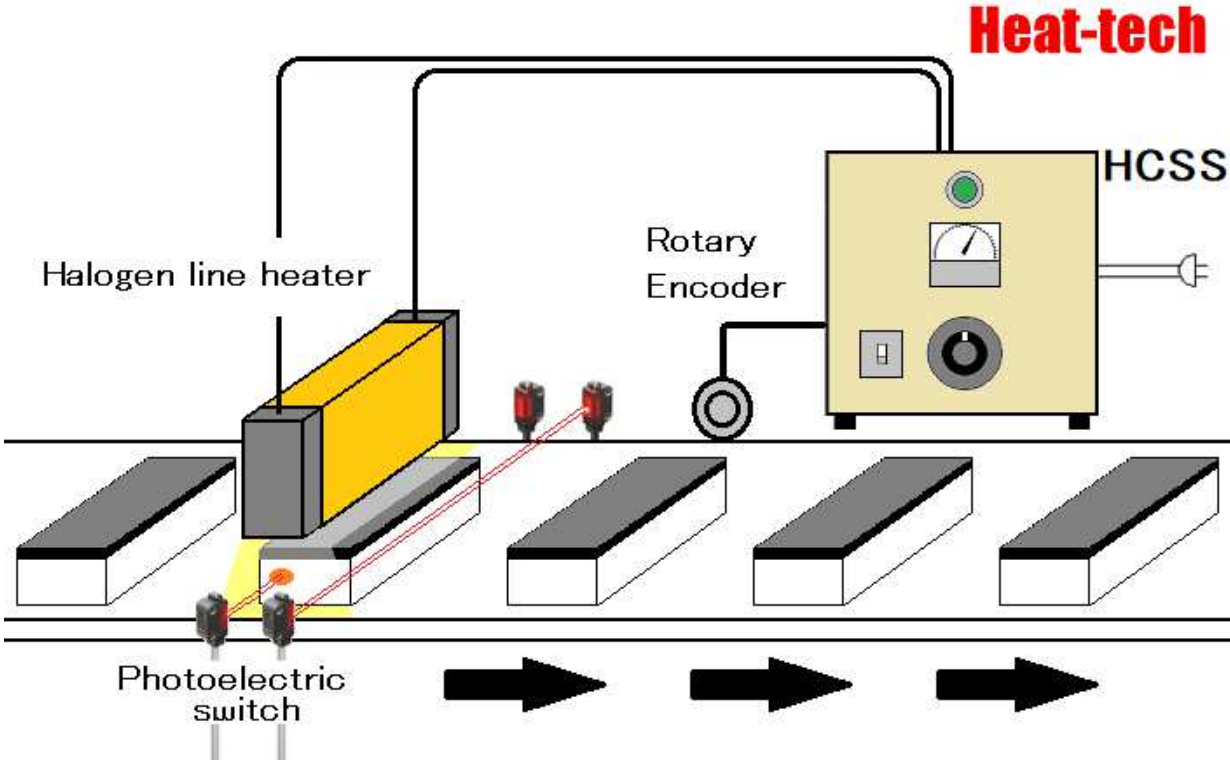
Sensor synchronization type HCSS



The rotary encoder is used to control the heating temperature proportional to the speed of the belt conveyor or line.

The heater output is increased when the line speed is increased, and the heater output is decreased when the line speed is decreased.

In synchronization with the photoelectric switch, heating is performed only when there is a work. Fine adjustment is made with the dial mounted on the surface.



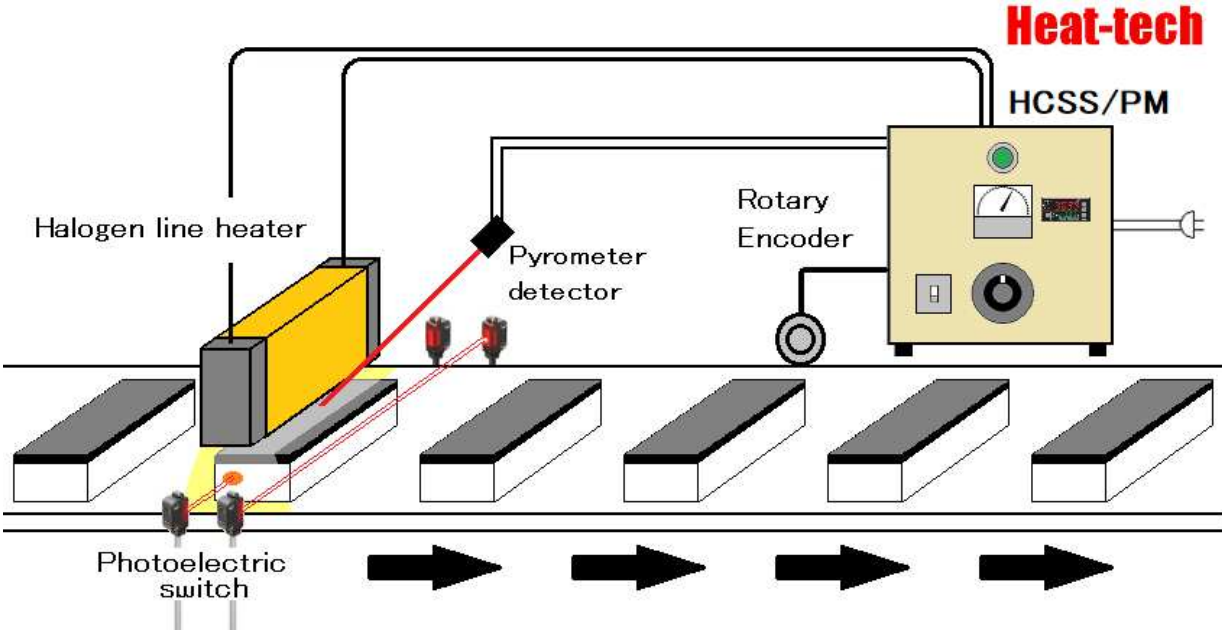
Radiation thermometer measurement type HCSS/PM

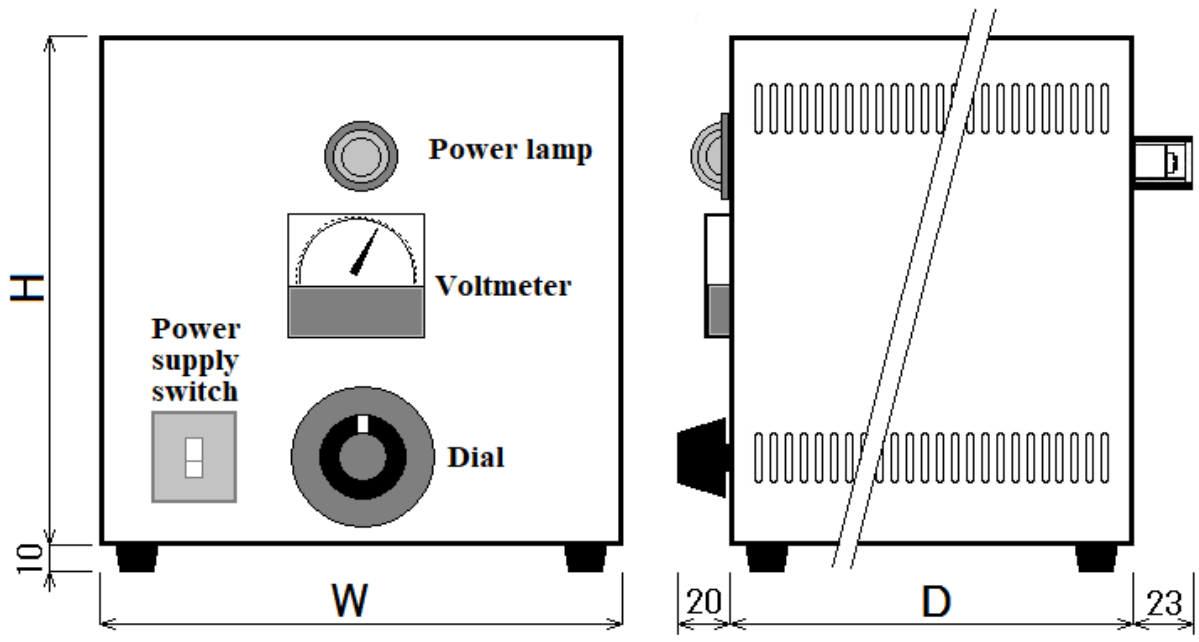


HCS/PM
HCSS/PM

The heater output is increased when the line speed is increased, and the heater output is decreased when the line speed is decreased.

In synchronization with the photoelectric switch, heating is performed only when there is a work. At the same time, the surface temperature of the work is measured with a radiation thermometer. Fine adjustment is made with the dial mounted on the surface.



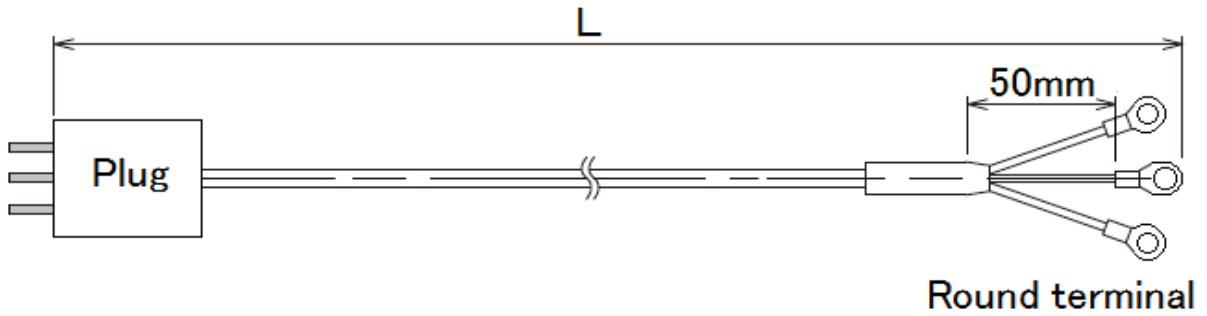


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					MONT	Temperature monitor output 4-20 mA signal
					MONS	Speed monitor output 4-20 mA signal
					FPR	Front protection rail
					RPR	Rear protection rail

Power-supply voltage	AC100V-240V
Control current	30A· 60A· 80A· 100A
External dimensions	Height (H)250 x Width(W)250 x Depth(D)250
D/#	HCS□□-AC100V~240V-(Current)/(Addition)
Model	Speed proportional heater controller
Date 2022.3.29	Heat-tech

Power Cable for Heater Controller

Manufacture the specification of the power cable.



Type A	Type B	Type C	Type D	Type E	Type F
Type G	Type H	Type I	Type J	Type L	

VOLT	NEMA	15 AMPERE		20 AMPERE		30 AMPERE	
		Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
125 V	L1						
250 V	L2						
125 V	L5						
250 V	L6						
277V, A.C.	L7						
480 V	L8						
600 V	L9						

When the plug or the connector which the upper figure does not have are necessary, we will manufacture as much as possible.

<< Quotation model specification method >> (Heater controller model) - (Plug shape) - (Cable length)

<< Quotation example >> HCS-AC100/220V-30A-TypeA-5m

No-touch High Temperatures Hating

Heat-tech

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