

## Rack-mounted DCS Signal Conditioners 18K-RACK

### PERFORMANCE in percentage of span

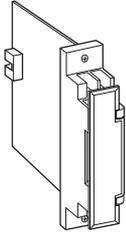
Accuracy:  $\pm 0.1\%$  (with internal resistor)

Temp. coefficient:  $\pm 0.003\%/^{\circ}\text{C}$  ( $\pm 0.002\%/^{\circ}\text{F}$ ) (with internal resistor)

### EXTENDER MODULE

#### Functions & Features

- Connecting the front terminals to the rear connector



### MODEL: 18KBW-[1]

### ORDERING INFORMATION

- Code number: 18KBW-[1]

Specify a code from below for [1].

(e.g. 18KBW-1)

### [1] INTERNAL RESISTOR

1: None

3: Jumper selectable (250  $\Omega$ )

### GENERAL SPECIFICATIONS

**Construction:** Rack-mounted; terminal access via screw terminals on the front and connector on the rear; terminal cover provided

**Connection:** M3.5 screw terminals (torque 0.8 N·m) and connector

**Screw terminal:** Nickel-plated steel

**Internal resistor**

**18KBW-1:** None

**18KBW-3:** Connected when closing the terminals 3 - 4; or select jumper on the PCB

### INSTALLATION

**Operating temperature:** -5 to +55°C (23 to 131°F)

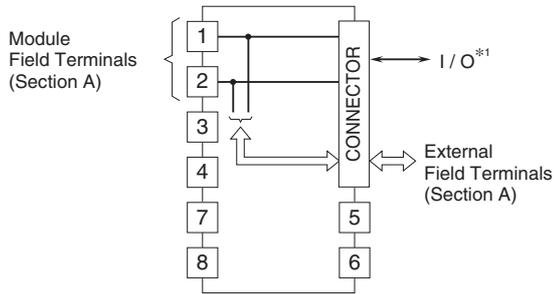
**Operating humidity:** 30 to 90 %RH (non-condensing)

**Mounting:** Standard Rack 18KBXx

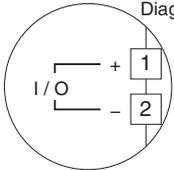
**Weight:** 150 g (0.33 lb)

## CONNECTION DIAGRAM

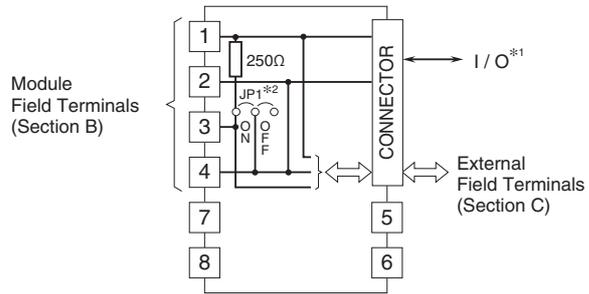
### ■ WITHOUT INTERNAL RESISTANCE



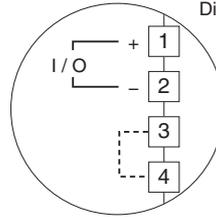
Section A. Field Connection Diagram



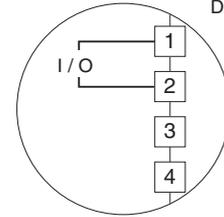
### ■ JUMPER SELECTABLE



Section B. Module Field Connection Diagram



Section C. External Field Connection Diagram



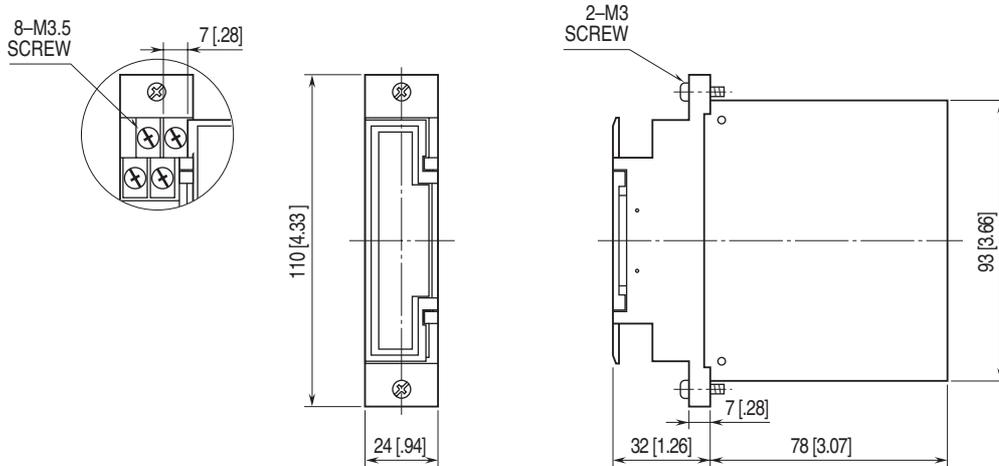
\*1. The output signal is OUTPUT 1.

\*2. Jumper JP1 is factory set to "ON."

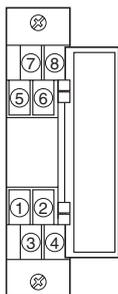
Note: DO NOT connect to the terminals 5, 6, 7 and 8.

Use either of module or external field terminals.

## EXTERNAL DIMENSIONS unit: mm [inch]



## TERMINAL ASSIGNMENTS





Specifications are subject to change without notice.