

# General Specifications

## Model DX1 Input/Output Through Card

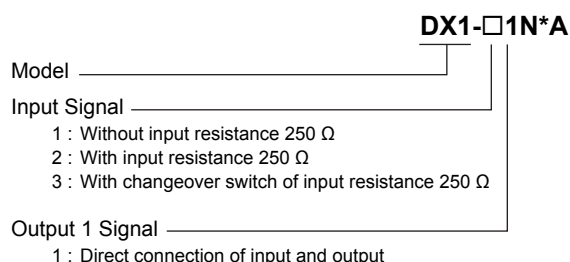
JUXTA

GS 77J05X01-01E

### General

The DX1 is a nest-mounting type card whose inputs are combined with the outputs directly. It receives 4 to 20 mA DC signals from various converters and converts them into 1 to 5 V DC signals.

### Model and Suffix Codes



### Ordering Information

Specify the following when ordering.

- Model and suffix codes: e.g. DX1-11N\*A

### Input/Output Specifications

Input resistance: 250  $\Omega$

### Standard Performance

Accuracy rating:  $\pm 0.1\%$  of span (when the load resistance is  $\infty$ )

Insulation resistance: 100 M $\Omega$  or more at 500 V DC between input/output and power supply.

Withstand voltage: 500 V AC/min. between input/output and power supply.

### Environmental Conditions

Operating temperature range: 0 to 50°C

Operating humidity range: 5 to 90% RH (no condensation)

### Mounting and Dimensions

Mounting method: Nest-mounting (Signals and power supply are connected through back board and connector)

Note: The input type 2 or 3 (with 250  $\Omega$  resistance) cannot be used as the output card (even-numbered slot) of DME and DMP which are dedicated nests for control output.

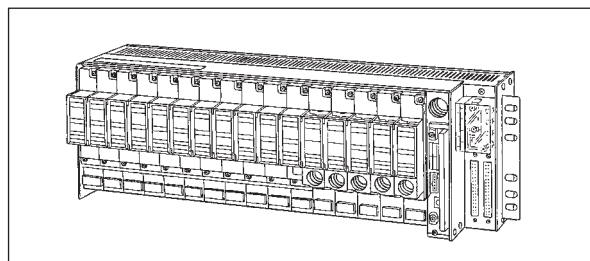
Connection method: Connection to M4 screw terminals of the dedicated nest

External dimensions: 130.6(H)×23.6(W)×126(D) mm

Weight: Approx. 50 g

### Standard Accessories

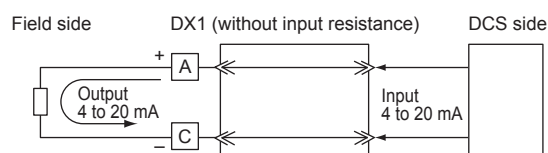
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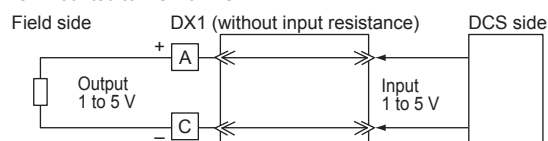
### Block Diagram

#### Examples when used for output

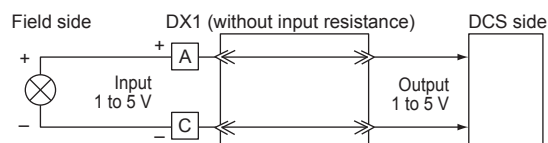
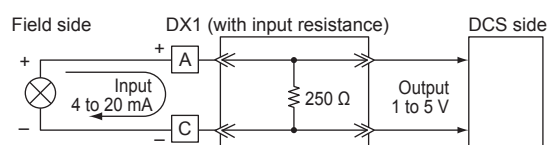
<When mounted to DME or DMP>



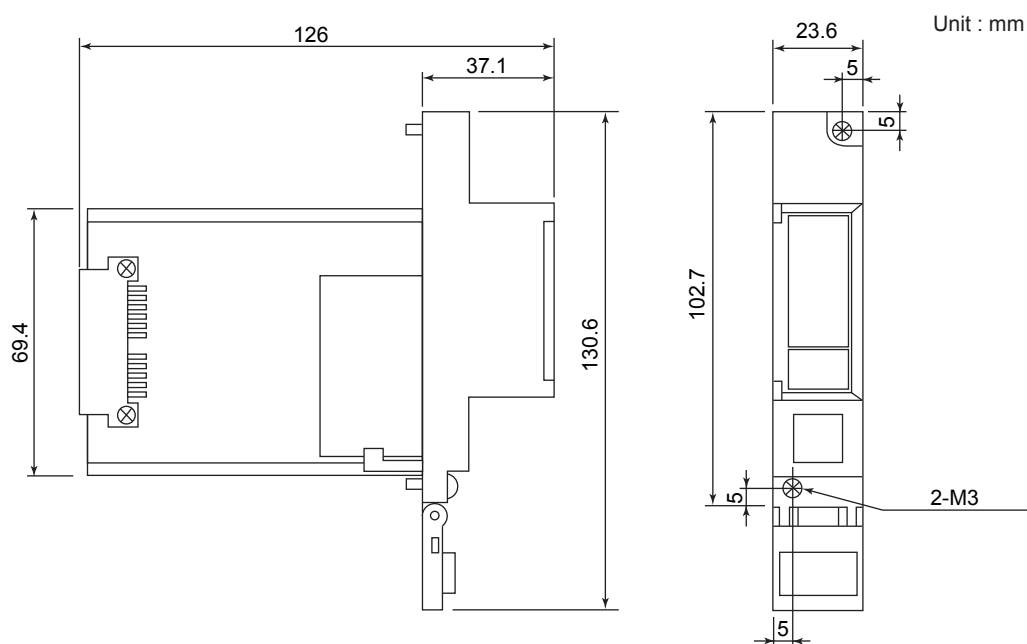
<When mounted to DCE or DCP>



#### Examples when used for input



## ■ External Dimensions



## ■ Basic Conditions and Individual Contracts at the Time of Purchase

The warranty for this product is defined in the basic conditions and individual contracts at the time of purchase. The individual conditions are as follows.

### • Handling of non-conforming products

If Yokogawa verifies a non-conformity of the product that is attributable to Yokogawa within the warranty period, we will deliver an equivalent product.

Yokogawa can not provide a free evaluation of non-conforming products. The investigation of the non-conforming products will be performed at the expense of the customer.