

# CZ0203



## A

### Descriptions

CZ0203 Explosion-proof potentiometer module ( U certification ) shall be used together with CZ4000 series operation head ( U certification ) and shall be mounted inside Ex e enclosure.

- Two low temperature ratings for option -40°C/-55°C.
- Mounting types are available in board front rail and board back.
- IECEx international certification, ATEX European certification.

## Zone 1 and zone 2





## Main technical data

| Certification | Ex mark                | Meet the standard |
|---------------|------------------------|-------------------|
| China         | Ex d e IIC Gb          | GB/T3836          |
| IECEX         | Ex db eb IIC Gb        | IEC60079          |
| ATEX          | II 2 G Ex db eb IIC Gb | EN60079           |

Intended use: Can be used in zone 1 and zone 2

Ambient temperature : -55°C/-40°C≤Ta≤+60°C ( -55°C Optional )

Service temperature: -55°C/-40°C to +90°C ( -55°C Optional )

Degree of protection: IP20

Terminal: 2×2.5mm<sup>2</sup>

Rated voltage: Max 200V DC

Rated power: Max 0.1W

Scale: 0 ~ 100%

Nominal resistance: 100Ω ~ 2MΩ

Board front rail mounting: on Ts35×7.5 rail or screw fixation

Board back mounting: on 1~6mm panel

Weight (board front rail type): 0.070kg

Weight (board back type): 0.080kg

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## Order specifications

| Illustration                                                                                                                                     | Principal diagram | Resistance value | Order No.             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|-----------------------|
|                                                                                                                                                  |                   | 100Ω             | <b>CZ0203-A□01/1□</b> |
|                                                                                                                                                  |                   | 200Ω             | <b>CZ0203-A□02/1□</b> |
|                                                                                                                                                  |                   | 500Ω             | <b>CZ0203-A□03/1□</b> |
|                                                                                                                                                  |                   | 1000Ω            | <b>CZ0203-A□04/1□</b> |
|                                                                                                                                                  |                   | 2000Ω            | <b>CZ0203-A□05/1□</b> |
|                                                                                                                                                  |                   | 5000Ω            | <b>CZ0203-A□06/1□</b> |
|                                                                                                                                                  |                   | 10000Ω           | <b>CZ0203-A□07/1□</b> |
|                                                                                                                                                  |                   | 20000Ω           | <b>CZ0203-A□08/1□</b> |
|                                                                                                                                                  |                   | 50000Ω           | <b>CZ0203-A□09/1□</b> |
|                                                                                                                                                  |                   | 100000Ω          | <b>CZ0203-A□10/1□</b> |
|                                                                                                                                                  |                   | 200000Ω          | <b>CZ0203-A□11/1□</b> |
|                                                                                                                                                  |                   | 500000Ω          | <b>CZ0203-A□12/1□</b> |
|                                                                                                                                                  |                   | 1000000Ω         | <b>CZ0203-A□13/1□</b> |
|                                                                                                                                                  |                   | 2000000Ω         | <b>CZ0203-A□14/1□</b> |
| <div>6 – Board front mounting rail type<br/>7 – Board back type<br/>L – -40℃<br/>H – -55℃</div> <div>Mounting type<br/>Ambient temperature</div> |                   |                  |                       |

## Outline dimensions

