

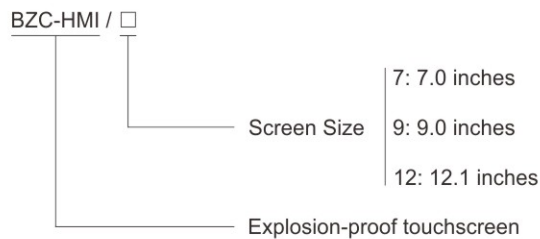
Control Stations

BZC-HMI Series Explosion-proof Touchscreen



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 2
 - Class I, Division 2, Groups A , B, C, D
- ◆ Stainless steel enclosure.
- ◆ Three types of enclosure.
- ◆ The explosion-proof touchscreen is a human-machine interaction device specifically designed for hazardous locations.
- ◆ With high-definition display capabilities, it makes images and text clearly visible, allowing operators to accurately gather information.
- ◆ Featuring rapid response and high touch precision, it offers a smooth operation experience, enhancing work efficiency.
- ◆ It supports various interface types, facilitating connection and integration with other devices, achieving inter-connectivity of systems.

■ Catalogue number logic



Zones 2; 21&22

Control Stations

BZC-HMI Series Explosion-proof Touchscreen

Technical data

Explosion-proof Touchscreen BZC-HMI□

Explosion protection

Global (IECEX)

Gas and dust

Europe (ATEX)

Gas and dust

IECEX (applied for)

Ex db eb nA IIC T6 Gc

Ex tb IIIC T80°C Db

ATEX (applied for)

Ex II 3 G Ex db eb nA IIC T6 Gc

Ex II 2 D Ex tb IIIC T80°C Db

IECEX; ATEX

Certificates

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 60079-31

Enclosure material

Enclosure colour

Exposed fastener

Stainless steel

Metal colour

Stainless steel

Screen Size

7.0 inches

9.0 inches

12.1 inches

Resolution

800×480

800×480

1280×800

Rated voltage

24V DC

Degree of protection

IP65

Internal&external earthing

M6/M6

Ambient temperature

-0°C~+50°C

Cable entries

M□ x 1.5 plug

Cable gland (optional)

DQM-I (Ex e) is recommended. Please see P7/19~21

Mounting

Surface type

Note

Please specify the number and size of entries (applicable for surface type only);

Dimension drawings (all dimensions in mm) - subject to alteration

