

## Components for BZC8050 Control Stations BB8050 Series Explosion-proof Ammeters/Voltmeters

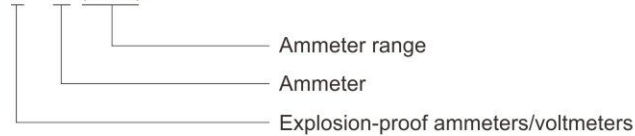
- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Fast comparison of measured with set values
- ◆ Versions available
  - Ammeter (type 72)
  - Voltmeter (type 72)



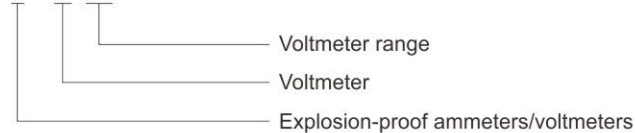
### ■ Catalogue number logic

BB8050(B for short)

B - A (□/□)



B - V (□)




# Zones 1&2; 21&22


## Components for BZC8050 Control Stations

### BB8050 Series Explosion-proof Ammeters/Voltmeters

**Selection table**

Version	Description	Overload scale	Measuring range	Ordering code	Weight (kg)
Ammeter BB8050-A(□/□) 	Direct measuring	-	0~20/40 mA	40121	0.20
			4~20/40 mA	40122	
	Direct measuring	-	0~1 A	40123	
			0~5 A	40124	
	For CT (current transformer)	2 times or 6 times	sec. 1 A	40125	
			sec. 5 A	40126	

**Selection table**

Version	Description	Measuring range	Ordering code	Weight (kg)
Voltmeter BB8050-V(□) 	Direct measuring	0~10 V	40127	0.20
		0~25 V	40128	
		0~40 V	40129	
		0~60 V	40130	
		0~100 V	40131	
		0~150 V	40132	
		0~250 V	40133	
		0~300 V	40134	
		0~450 V	40135	
		0~500 V	40136	
		0~600 V	40137	
	For PT (potential transformer)	sec. 100 V	40138	
		sec. 110 V	40139	
		sec. 120 V	40140	

## Components for BZC8050 Control Stations

### BB8050 Series Explosion-proof Ammeters/Voltmeters

#### Technical data

#### Explosion-proof ammeters/voltmeters BB8050

	Ammeter	Voltmeter
<b>Explosion protection</b>		
Global (IECEX)	IECEX CQM 11.0031U	IECEX CQM 11.0031U
Gas	Ex e IIC Gb	Ex e IIC Gb
Europe (ATEX)	DNV 11 ATEX 92527U	DNV 11 ATEX 92527U
Gas	Ⓔ II 2 G Ex e IIC Gb	Ⓔ II 2 G Ex e IIC Gb
<b>Certificates</b>	IECEX; ATEX; CU-TR	IECEX; ATEX; CU-TR
<b>Conformity to standards</b>	EN 60079-0, EN 60079-7 IEC 60079-0, IEC 60079-7	EN 60079-0, EN 60079-7 IEC 60079-0, IEC 60079-7
<b>Enclosure material</b>	Flame retardant plastic	Flame retardant plastic
<b>Insulation voltage</b>	690V AC	690V AC
<b>Frequency</b>	50/60Hz DC available	50/60Hz DC available
<b>Working mode</b>	Electromagnetic type (moving iron)	Electromagnetic type (moving iron)
<b>Accuracy</b>	Class 1.5	Class 1.5
<b>Overload times</b>	6 times	
<b>Ambient temperature</b>	-20°C ~ +80°C	-20°C ~ +80°C
<b>Cable connection</b>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
<b>Size</b>	72x72mm	72x72mm

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

