

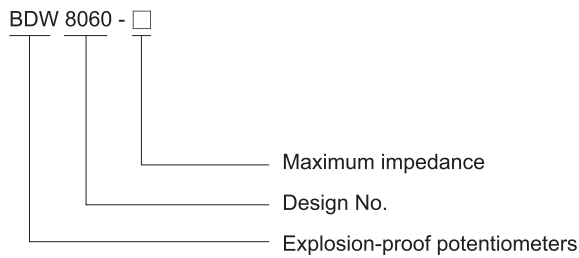
## Components for Distribution Boxes

### BDW8060 Series Explosion-proof Potentiometers



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Product of flame-proof structure; enclosure formed of high strength polycarbonate injection; with good corrosion-proof capacity and reliable performance.
- ◆ Built-in wire-wound potentiometer.

#### ■ Catalogue number logic



# Zones 1&2

## Components for Distribution Boxes

### BDW8060 Series Explosion-proof Potentiometers

#### Technical data

#### Explosion-proof potentiometers **BDW8060** - □

<b>Explosion protection</b>	⊕ II 2 G Ex d e IIC Gb
<b>Certificates</b>	ATEX and IECEX (applied for); PCEC (China)
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7 IEC 60079-0, IEC 60079-1, IEC 60079-7
<b>Enclosure material</b>	PC (polycarbonate)
<b>Rated voltage</b>	230V AC
<b>Rated power</b>	1.5W, 3W
<b>Minimum impedance</b>	10 Ω (1.5W), 22 Ω (3W)
<b>Maximum impedance</b>	10k Ω (1.5W), 47k Ω (3W)
<b>Rotation angle</b>	300°
<b>Linearity</b>	± 5%~ ± 10%
<b>Deviation of impedance</b>	± 5%~ ± 10%
<b>Life of rotation</b>	10,000 circles
<b>Ambient temperature</b>	-20°C~+70°C

#### Selection table

Version	Rated voltage (V)	Rated power (W)	Minimum impedance (Ω)	Maximum impedance (kΩ)
BDW8060 - □	230	1.5	10	10
BDW8060 - □	230	3	22	47

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

