

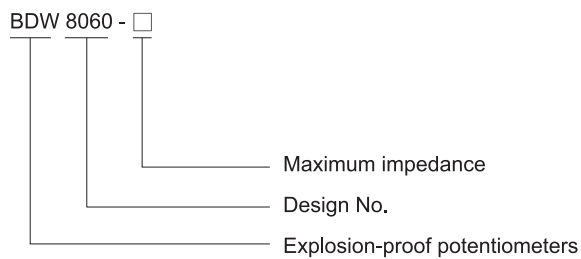
Components for Distribution Boxes

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

