



Components for Distribution Boxes BDW8060 Series Explosion-proof Potentiometer Modules

- ◆ 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
- ◆ Product of flame-proof structure; enclosure formed of high strength Polycarbonate injection; with good corrosion-resistance capacity and reliable performance.
- ◆ Built-in wire-wound potentiometer.

■ Catalogue number logic

BDW 8060 - □



Zones 1&2; 21&22

Technical data

Explosion-proof potentiometer modules **BDW8060 - □**

Explosion protection	⊕ II 2 G Ex de IIC Gb
Certificates	DNV 13 ATEX____; IECEX; PCEC (China)
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007 IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2006
Enclosure material	PC
Rated voltage	250V AC
Rated power	3W
Minimum impedance	22 Ω
Maximum impedance	47kΩ
Rotation angle	300°
Linearity	± 5%~ ± 10%
Deviation of impedance	± 5%~ ± 10%
Life of rotation	10,000 circles
Ambient temperature	-20℃~+60℃

Selection table

Type	Rated voltage (V)	Rated power (W)	Minimum impedance (Ω)	Maximum impedance (kΩ)
BDW8060 - □	250	3	22	47

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

