ComEx Potentiometer with terminals for rail-mounted installation

- Easy and exact setting of the desired value
- Easy installation
- High IP rating

Explosion protection

Marking ATEX

Marking IECEx

Certification

Marking IECEx

Certification

Other approvals and certificates, see www.bartec.de

Ambient temperature

Technical data

Protection class determined by the actuating element and ComEx enclosure, min. IP 66, terminals IP 20

Rated insulation voltage

Max. rated voltage

Resistance

Curve shape

Resistance tolerance

Rated output

Resistor material

Rotation

Torque (beginning)

Torque (end stop)

Enclosure material

Connection

Mechanical life

Storage and transport temperature

Weight

Ordering information

Wiring diagram

Resistance

Code no.

Other resistances on request.

Complete order no.

Potentiometer without actuating element

Order no. 05-0003-007600

Increased oil resistance (scale 1 to 10)

Order no. 05-0003-007600BN

Notes for installation and inspection:

At rated voltage:

≤ AC 50 V/≤ DC 120 V (protection low voltage in accordance with DIN VDE 0100 T. 410)

potentiometer drive shaft can be operated without actuating element.

At rated voltage:

≥ AC 50 V to max. AC/DC 230 V

potentiometer drive shaft can only be operated with actuating element or has to be deenergized.

The ComEx potentiometer is used in virtually all hazardous (potentially explosive) locations where machine functions are controlled by means of adjustable voltage distributors. The module can be combined with a potentiometer actuator (scale graduation 0 to 10). Conductors are connected via of terminals on the back of the module which have an increased safety level. The easy installation of the potentiometer actuating element without the need for the use of tools ensures conformance to the high IP degree of protection.