

MK-4 MOUNTING KIT

ICO 9001

OPERATIONS MANUAL

1 DESCRIPTION AND OPERATION

1.1 Purpose

1.1.1 MK-4 Mounting Kit (hereinafter referred to as the MK-4) is designed to improve enclosure protection rating of fire detectors manufactured by ZAO NVP Bolid, namely DIP-34A-03, DIP-34A-04, DIP-34A-05, DIP-34PA-03, S2000-IP-03, S2000-IP-PA-03, S2000-IPG, CONet, or other detectors in similar enclosure.

1.1.2 The MK-4 is classed as a non-restorable, regularly maintainable item.

1.1.3 The design of the MK-4 doesn't provide its operation in aggressive environments as well as in explosion hazardous and flammable premises.

1.2 Specifications

Table 1.2.1

Parameter	Value
1.2.1 Enclosure protection rating when using the MK-4	IP43
1.2.2 Resistance to mechanical exposure as per OST 25 1099-83	Arrangement Category III
1.2.3 Vibration exposure: - Frequency range, Hz - Max acceleration, g	1-35 0.5
1.2.4 Environmental category as per OST 25 1099-83	O3
1.2.5 Operating temperatures, °C	Minus 50 through plus 60
1.2.6 Weight, kg, max	0.05
1.2.7 Overall dimensions, mm	14×Ø137
1.2.8 Expected lifetime, years	10

1.3 Standard Delivery

The MK-4 is supplied in a ten-unit packaging.

The scope of delivery for a packaging is shown in Table 1.3.1

Table 1.3.1

Item	Quantity, pcs.
MK-4 Mounting Kit	10
Operations Manual	1
Rubber O-ring 003-006-19	20

2 INTENDED USE

2.1 The design of the MK-4 meets the requirements of electric and fire safety including emergency operation in accordance with Russian standards GOST 12.2.007.0-75 and GOST 12.1.004-91.

2.2 Do SHUT OFF power from the unit before mounting, installing, and maintaining this one.

2.3 Operating restrictions, design, mounting, connecting, settings, testing and operation procedures for the MK are defined in details in its User's Manual (the full version), which is available online at bolid.ru in the section Products on the page of the MK-4.

2.4 If a technical failure of the product has been found, the equipment shall be taken out of operation and sent for repair in accordance with Section 4.



3 MAINTENANCE

3.1 The MK-4 shall be maintained by personnel qualified for Electrical Safety of Level II or higher.

3.2 Maintenance works for the MK-4 are described in its User's Manual (the full version).

4 REPAIR

4.1 Repair of faulty equipment is to be conducted by the manufacturer or in authorized repair centers. The product shall be sent for repair in compliance with Company Standard QMS 8.5.3-2015, which can be found online at our website <https://bolid.ru/support/remont/>.



Warning!

The equipment shall be submitted for repair being assembled and clean and along with all the parts listed in the documentation.

Claims are accepted only if a reclamation report describing the failure is applied to the submitted equipment.

4.2 An equipment fault resulted from consumer's not observing rules of mounting and operation is not a reason for claims and warranty repair.

4.3 Claims shall be submitted to the following address:

NVP BOLID, #4 Pionerskaya Str., Korolyov, Moscow Region, 141070, Russia

Phone: +7 (495) 775-71-55, E-mail: info@bolid.ru.

4.4 In case of any issue related to use of the product, please contact the technical support:

+7 (495) 775-71-55 or e-mail: support@bolid.ru.

5 STORAGE

5.1 Storage in a transport container is permitted at ambient temperatures minus 50°C through plus 50°C and relative humidity up to 95% at plus 35°C.

5.2 Storage in the consumer package is permitted only in heated premises at temperatures plus 5°C through plus 40°C and relative humidity up to 80% at plus 20°C.

6 TRANSPORTING

6.1 The MK-4 can be transported in a transport container at ambient temperatures minus 50°C through plus 50°C and relative humidity up to 95% at plus 35°C.

7 DISPOSAL

7.1 The MK-4 should be disposed of considering that there are no toxic components in it.

7.2 There are neither precious materials nor non-ferrous metals within the MK-4.

8 MANUFACTURER WARRANTY

8.1 The manufacturer guarantees the product meets with technical requirements stated in the manuals if the user follows the instructions for transportation, storage, installation, and usage.

8.2 The warranty period is 18 months since putting the product into operation but no more than 24 months from the manufacturer's date of production.

9 CERTIFICATION INFORMATION

For unit certification details, please refer to its User's Manual (the full version).

10 ACCEPTANCE AND PACKING CERTIFICATE

MK-4 Mounting Kits are manufactured, accepted in line with mandatory requirements of national standards and applicable technical documentation, approved as ready for use, and packed by the NVP Bolid Company.

Responsible for Acceptance and Packing

QCD _____
Full Name

Date, Month, Year

