

Datasheet - NK-T-41-1ST8-2



Command and signalling devices / Spring-return joystick switches / Maintained joystick switches RK / NK / NK - Spring-return joystick switches / Maintained joystick switches

- Spring-return joystick switches
- Mounting hole 22.3 mm
- Mounting Knurled nut
- bis 6 mm Front plate thickness
- Suitable for food processing industry



(Minor differences between the printed image and the original product may exist!)


Ordering details

| | |
|--------------------------|----------------|
| Product type description | NK-T-41-1ST8-2 |
| Article number | 103012431 |
| EAN Code | 4030661490281 |
| eCl@ss | 27-37-14-04 |

Approval

Approval

Global Properties

| | |
|--|----------------------------|
| Permanent light | Kreuztaster NK |
| Standards | IEC 60947-5-1, IEC 60947-1 |
| Compliance with the Directives (Y/N)  | Yes |
| Suitable for safety functions (Y/N) | No |
| suitable for exterior use (Y/N) | Yes |
| Mounting | central nut AF41 |
| Mounting position | arbitrarily |
| Materials | |
| - Material of the front ring | Plastic |
| - Material of the bellows | Silicone |
| Material thickness of the sealing bellows | 1.5 |

| | |
|----------------------------|-------|
| Color | |
| - Colour of the bellows | Blue |
| - Colour of the front ring | Black |
| Weight | 140 |

Mechanical data

| | |
|--|-------------------------------------|
| Design of electrical connection | Connector M12, 8-pole |
| Number of terminals | 1 |
| Mechanical life | |
| Total | 1.000.000 operations |
| Touch position | 500000 operations for each position |
| Switching frequency | 1200 s |
| Actuating force | 11 |
| actuating travel | 20 |
| restistance to shock | 30 / 11 |
| Continuous shock | 10 / 16 |
| Resistance to vibrations (reed contacts) | 20 / 10 ... 2000 |
| additional sealing element (Y/N) | Yes |
| Latching (Y/N) | No |
| Probing possible (Y/N) | Yes |
| Return to zero position (Y/N) | Yes |
| Number of directions | 4 |
| Number of switch positions | 0 |
| Number of the touch position | 4 |
| Position A, B, C, D | |
| Front plate thickness | |
| - min. front plate thickness | 1.5 |
| - max. front plate thickness | 6 |

Ambient conditions

| | |
|----------------------------------|------------|
| Ambient temperature | |
| - Min. environmental temperature | -40 |
| - Max. environmental temperature | +80 |
| Protection class | |
| outside front plate | IP67, IP69 |
| contact element | IP67 |
| Degree of pollution | 2 |

Electrical data

| | |
|---------------------------------|--------------------------------------|
| Switching principle | reed contacts, Non-contact principle |
| Switching capacity | 7.2 |
| Rated impulse withstand voltage | 0,5 |
| Rated insulation voltage | 30 |
| Operating current | 0,3 A |
| Utilisation category | DC-12: 30 V / 0,3 A |
| Max. fuse rating | 0,5 A |
| Contacts at position | |
| - A | 1 Normally open contact (NO) |
| - B | 1 Normally open contact (NO) |
| - C | 1 Normally open contact (NO) |
| - D | 1 Normally open contact (NO) |

ATEX

| | |
|---|------|
| Explosion protection categories for gases | None |
| Explosion protected category for dusts | None |

Dimensions

| | |
|-------------------------------------|-------------------|
| Dimensions | |
| - Length of the actuator | 85 |
| - Mounting depth | 30 plus Connector |
| Hole of central anchorage, diameter | 22.7 |
| Mounting hole IEC/EN 60947-1 | 22.3 + 0,4 |
| Spacing | 90 x 90 |

Documents

Operating instructions and Declaration of conformity (fr) 1 MB, 14.11.2018

Code: mrl_rk-nk_fr

Operating instructions and Declaration of conformity (it) 977 kB, 26.06.2017

Code: mrl_rk-nk_it

Operating instructions and Declaration of conformity (pl) 1 MB, 06.12.2018

Code: mrl_rk-nk_pl

Operating instructions and Declaration of conformity (nl) 1 MB, 23.10.2018

Code: mrl_rk-nk_nl

Operating instructions and Declaration of conformity (de) 1 MB, 19.09.2018

Code: mrl_rk-nk_de

Operating instructions and Declaration of conformity (pt) 1 MB, 26.10.2018

Code: mrl_rk-nk_pt

Operating instructions and Declaration of conformity (en) 1 MB, 19.09.2018

Code: mrl_rk-nk_en

Operating instructions and Declaration of conformity (es) 1 MB, 25.10.2018

Code: mrl_rk-nk_es

Brochure (en) 764 kB, 23.11.2017

Code: b_nkrk01_en

Brochure (es) 957 kB, 11.11.2016

Code: b_nkrk01_es

Brochure (fr) 916 kB, 20.01.2017

Code: b_nkrk01_fr

Brochure (pt) 1 MB, 02.11.2016

Code: b_nkrk01_pt

Brochure (de) 773 kB, 23.11.2017

Code: b_nkrk01_de

DGUV - Zertifikat (en) 1 MB, 28.04.2017

Code: q_nkp02

DGUV - Zertifikat (de) 1 MB, 28.04.2017

Code: q_nkp01

DGUV - Zertifikat (fr) 1 MB, 28.04.2017

Code: q_nkp03

Images

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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