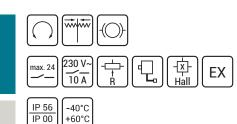
**SF**-NS00-1/3 Rotary switch NS00 **SF**-NS00-1/3

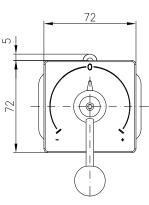
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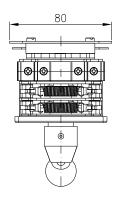
## **NS00**

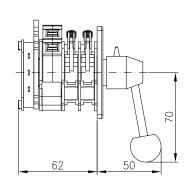
**Robust selector switch** 

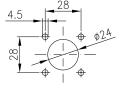












The NS00 is a robust rotary switch with a stable drive mechanism. The basis for this is a 6 mm metal square shaft which serves as a carrier for the cam carrier tube, which is also made of metal. Cams are fixed onto this carrier and are actuating the contacts depending on the angle of rotation. The individual contacts, in silver or gold plated version are embedded in double contact elements and can be coded with standard or customer-specific switching circuits.

The rotary switch can optionally be equipped with different handles

made of plastic or stainless steel. Black square aluminum escutcheon plates in various sizes or a nickel-plated round escutcheon plates with or without engraving serve as an optical finish over the front panel. Together with metal notching discs from our standard range or in a customer-specific version, flanged potentiometers or encoders, these rotary switches reliably solve control tasks in control panels, on deck control stations or control stations.

**SF**-NS00-2/3 Rotary switch NS00 **SF**-NS00-2/3

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## Version drive of rotary switch

| Type, frontplate  | Scope of supply  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| NS00  | Drive block rotary switch with: - Square shaft (6 mm) 8 mm long - Notching disc for standard contact circuits according to TI-S-1 S-4 without: - Escutcheon plate - Handle   |  |  |  |  |  |  |
| NS00-F  | Drive block rotary switch with: - Ball handle KG0 made of stainless steel without pointer *) - Black aluminum escutcheon plate 72x72 mm - Notching disc for standard contact circuits according to TI-S-1 S-4  |  |  |  |  |  |  |
| NS00-FA   | Drive block rotary switch with: - Ball handle KG1 made of stainless steel without pointer *) - Black aluminum escutcheon plate 96x96 mm - Notching disc for standard contact circuits according to TI-S-1 S-4  |  |  |  |  |  |  |
| NS00-FOD  | Drive block rotary switch with:  - Degree of protection on the frontside IP56  - Ball handle KG1 made of stainless steel without pointer *)  - Watertight, nickel-plated round escutcheon plate 70 mm  - Notching disc for standard contact circuits according to TI-S-1 S-4 |  |  |  |  |  |  |
| *) for delivery with engraving option: ball handle with pointer |  |  |  |  |  |  |  |
| Electrical characteristics Dimensions, design                   | see TI-1 (VNS0)<br>see TI-NS00-1/2   |  |  |  |  |  |  |

SF-NS00-3/3 Rotary switch NS00 SF-NS00-3/3

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## Options, Type code

## Options:

- Spring return
- Friction brake
- · Contact circuits according to TI-S-1...S-4
- · Special notching disc
- · Handles:

Toggle handles:

KN toggle handle (NW053), plastic, black

Rotary knob with marker on scale ring:

DK34 for version F with escutcheon plate 72x72 mm

DK42 for version FA with escutcheon plate 96x96 mm

DK63 for version FA with escutcheon plate 96x96 mm

- Potentiometer
- Encoder, optoelectronic
- Encoder, inductive
- · Engraving on escutcheon plate:
  - Engraving per line (max. 14 letters, inscription in plain text)
  - Position mark
- Installation in cast aluminum housing, grey powder-coated, protection class IP54
  - for rotary switches up to NS006, NS005-R/-B: housing NW104A (138x135x107 mm)
  - for rotary switches up to NS008, NS007-R/-B: housing NW107A (196x138x107 mm)

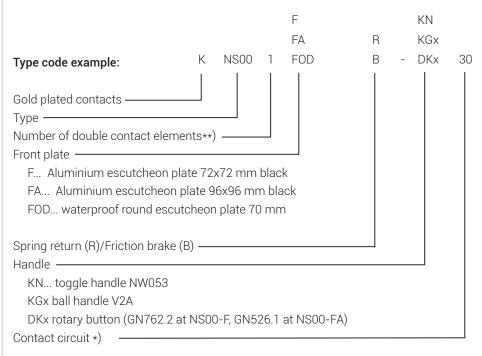
see sheet J-NS0-S

see sheet E-Electronic-1

see sheet E-Electronic-2

see sheet E-Electronic-2

Dimensions see TI-NS00-2/2

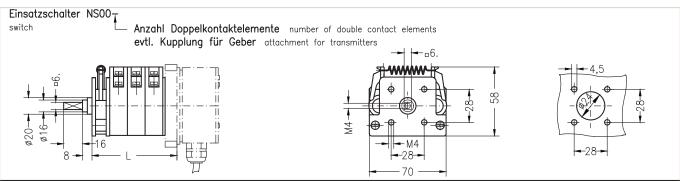


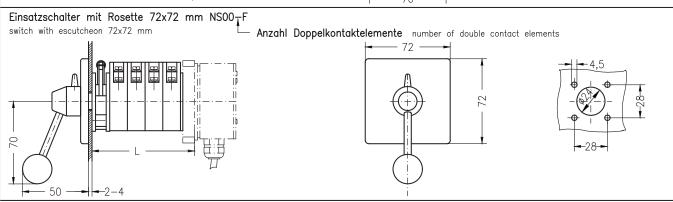
- \*) Standard contact circuit see sheet TI-S-1...S-4, please fill in special circuits in the NS00 form sheet.
- \*\*) for the version with friction brake, add 1 to the number of double contact elements

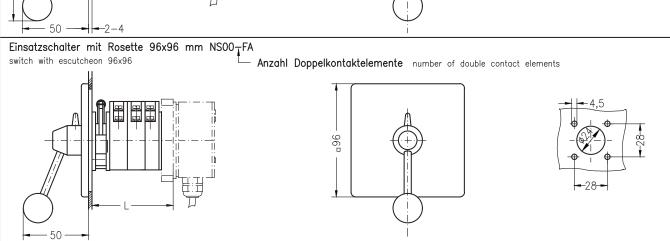
TI-NS00-1/2

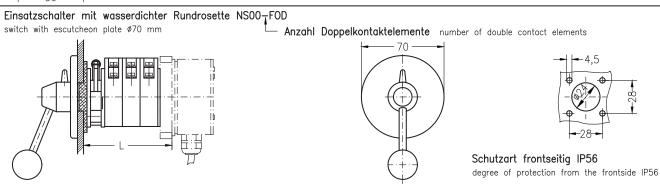
Switch NS00 with knob or handle

**TI-NS00-1/2** 









| Anzahl Doppelkontaktelemente number of double contact elements |        |         |        |         |         |         |         |         |         |         |         |
|--|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
|  |        | ,       | •      |         |         |         |         |         |         |         |         |
| mit Rastung with notche  | es     | NS001_  | NS002_ | NS003_  | NS004_  | NS005_  | NS006_  | NS007_  | NS008_  | NS009_  | NS0010_ |
| mit Rückzug with spring  | return | NS001_R |        | NS002_R | NS003_R | NS004_R | NS005_R | NS006_R | NS007_R | NS008_R | NS009_R |
| Länge length L   | _ mm   | 40      | 55     | 70      | 85      | 100     | 115     | 130     | 145     | 160     | 175     |
| Gewicht weight ^   | ~ g    | 590     | 680    | 770     | 860     | 950     | 1040    | 1130    | 1220    | 1310    | 1400    |

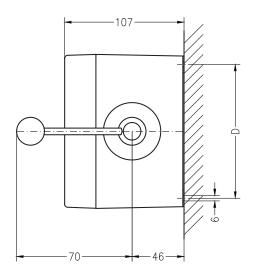
- mit zusätzlicher Reibbremse für Potentiometerbetrieb, Länge L + 15 mm.
- mit Doppelrastung L + 15 mm.
- with additional friction disc for potentiometer, length L + 15 mm with double notches, length L + 15 mm  $\,$

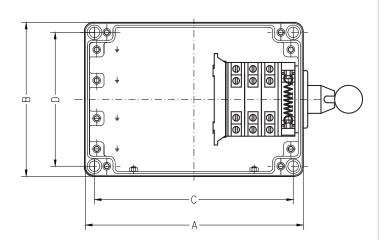
**TI-**NS00-2/2

Joystick NS00 built in cast enclosure

**TI**-NS00-2/2

Errors and tech





Schutzart IP54 mit Kugelgriff auf Wunsch: Knebelgriff degree of protection IP54 with handle according on request: knob

| ohne Selbstrückgang<br>without spring return |    |   |        | mit Selbstrückgang<br>with spring return |   |     |     |     |     |             |
|--|----|---|--------|--|---|-----|-----|-----|-----|-------------|
| Тур<br>Туре                                  |    | Anzahl Doppel-<br>kontaktelemente<br>number of double | Тур    |  | Anzahl Doppel—<br>kontaktelemente<br>number of double | A   | В   | c   | D   | Gewicht ~kg |
|  |    | contact elements                                      | ļ · ·  |  | contact elements                                      |     |     |     |     | weight ~kg  |
| NS 006                                       | GA | 1   | NS 006 | GAR                                      | 1   |     |     | 120 | 117 | 1,1         |
| NS 006                                       | GA | 2   | NS 006 | GAR                                      | 2   |     | 475 |     |     | 1,2         |
| NS 006                                       | GA | 3   | NS 006 | GAR                                      | 3   | 170 |     |     |     | 1,3         |
| NS 006                                       | GA | 4   | NS 006 | GAR                                      | 4   | 138 | 135 |     |     | 1,4         |
| NS 006                                       | GA | 5   | NS 006 | GAR                                      | 5   |     |     |     |     | 1,5         |
| NS 006                                       | GA | 6   |        |  |   |     |     |     |     | 1,6         |
| NS 0010                                      | GA | 7   | NS 001 | 0 GAR                                    | 6   | 100 | 170 | 178 | 120 | 1,8         |
| NS 0010                                      | GA | 8   | NS 001 | 0 GAR                                    | 7   | 196 | 138 |     |     | 1,9         |