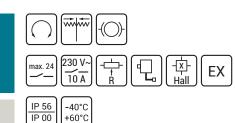
Rotary switch NS00

SF-NS00-1/3

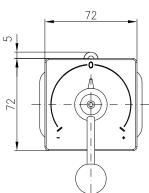
rrors and techni hanges reserved

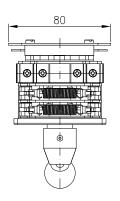
## **NS00**

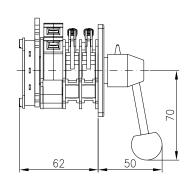
Robust selector switch

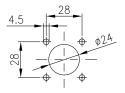












The NS00 is a robust rotary switch with a stable drive mechanism. The basis for this is a 6 mm metal square shaft which serves as a carrier for the cam carrier tube, which is also made of metal. Cams are fixed onto this carrier and are actuating the contacts depending on the angle of rotation. The individual 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

rrors and techni hanges reserved

## 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 opt	ion: ball handle with pointer
Electrical characteristics	see TI-1 (VNS0)
Dimensions, design	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

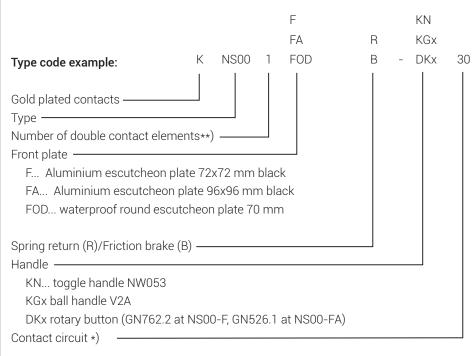
Rotary knob with marker on scale ring:

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

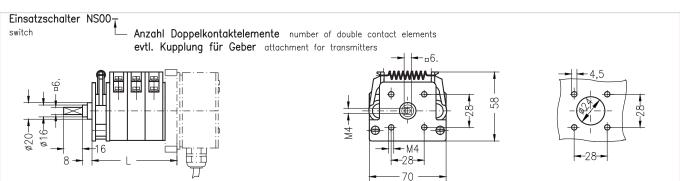
- Potentiometer
- Encoder, optoelectronic
- Encoder, inductive
- Engraving on escutcheon plate:
  - Engraving per line (max. 14 letters, inscription in plain text)
  - Position mark
- Installation in cast aluminum housing, grey powder-coated, protection class IP54
  - for rotary switches up to NS006,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

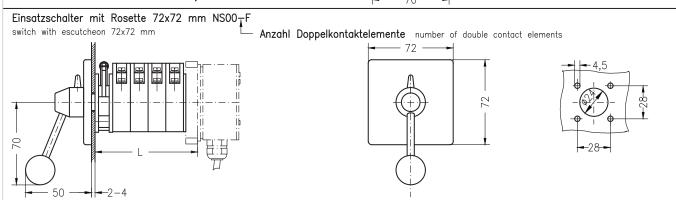


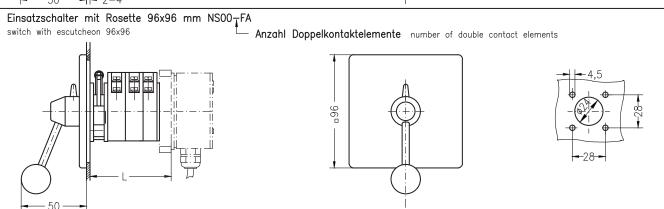
- \*) Standard contact circuit see sheet TI-S-1...S-4, please fill in special circuits in the NS00 form sheet.
- \*\*) for the version with friction brake, add 1 to the number of double contact elements

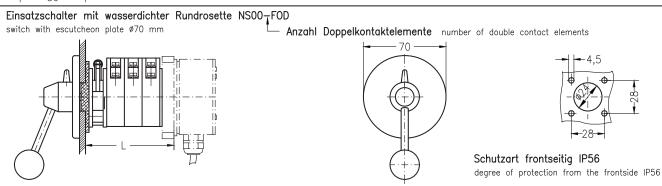
Switch NS00 with knob or handle **TI-**NS00-1/2

**TI-NS00-1/2** 









Anzahi Doppelkontaktelemente number of double contact elements											
		•	+								
n notch	es	NS001_	NS002_	NS003_	NS004_	NS005_	NS006_	NS007_	NS008_	NS009_	NS0010_
spring	return	NS001_R		NS002_R	NS003_R	NS004_R	NS005_R	NS006_R	NS007_R	NS008_R	NS009_R
gth	L mm	40	55	70	85	100	115	130	145	160	175
ght	~ g	590	680	770	860	950	1040	1130	1220	1310	1400
r	h notch h spring gth	h notches h spring return gth L mm	h notches NS001_ h spring return NS001_R gth L mm 40	h notches	h notches	h notches	h notches   NS001_   NS002_   NS003_   NS004_   NS005_   h spring return   NS001_R   NS002_R   NS003_R   NS004_R   gth   L   mm   40   55   70   85   100	h notches	h notches	h notches	h notches

mit zusätzlicher Reibbremse für Potentiometerbetrieb, Länge L + 15 mm.

mit Doppelrastung L + 15 mm.

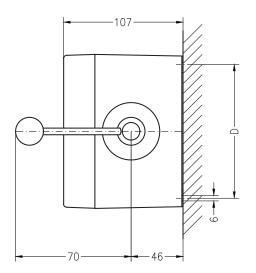
with additional friction disc for potentiometer, length L + 15 mm with double notches, length L + 15 mm  $\,$ 

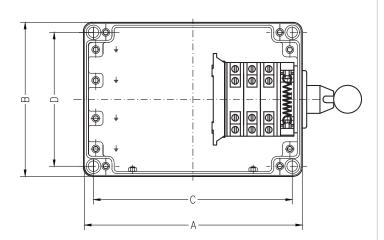
**TI-**NS00-2/2

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 without spring return		mit S with sp						
Тур Туре	Anzahl Doppel— kontaktelemente number of double contact elements	Тур	Anzahl Doppel— kontaktelemente number of double contact elements	A	В	С	D	Gewicht ~kg
NS 006 GA	1	NS 006 GAR	1					1,1
NS 006 GA	2	NS 006 GAR	2					1,2
NS 006 GA	3	NS 006 GAR	3	170	4.75			1,3
NS 006 GA	4	NS 006 GAR	4	138	135	120	117	1,4
NS 006 GA	5	NS 006 GAR	5					1,5
NS 006 GA	6							1,6
NS 0010 G/	A 7	NS 0010 GAR	6	100	170	470	400	1,8
NS 0010 G/	8	NS 0010 GAR	7	196	138	178	120	1,9