


**NDTRT**

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
|                               | NDTRT         |
|                               | 101163555     |
| EAN (European Article Number) | 4250116200023 |
| eCl@ss number, Version 9.0    | 27-37-12-10   |

### Approval - Standards

cULus  
 CCC  
 IPA

### General data

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Product name                    | NDT - Pushbutton                         |
|                                 | EN 60947-5-1                             |
|                                 | IEC/EN 60947-1                           |
| Versions                        | Embeddable button - Front plate mounting |
| Design                          | Round                                    |
| Sealing type                    | Membrane<br>Lip gaskets                  |
| Material of the operators       | ABS                                      |
| Material of the front ring      | ABS, chrome-plated                       |
| Colour of the operating element | Red                                      |
| Colour of the front ring        | Silver                                   |
| Colour of the bellows           | White                                    |
| Gross weight                    | 25 g                                     |

### General data - Features

|                  |     |
|------------------|-----|
| Mounting flange  | Yes |
| Probing possible | Yes |
| Fully insulated  | Yes |

### Mechanical data

|                                |                     |
|--------------------------------|---------------------|
| Unlocking                      | without             |
| Mounting                       | Mounting flange EFM |
| Actuating stroke               | 5 mm                |
| Tightening torque of the screw | 0.6 Nm              |

### Mechanical data - Dimensions

|                                          |               |
|------------------------------------------|---------------|
| Height                                   | 11 mm         |
| diameters for the actuating heads        | 44.5 mm       |
| Diameter hole                            | 22.3 mm       |
| Diameter hole, with tolerance indication | 22.3 + 0.4 mm |
| Thickness, of the front panel, minimum   | 1.5 mm        |
| Thickness of the front panel, maximum    | 6 mm          |
| Spacing                                  | 50 x 50 mm    |

### Ambient conditions

|                              |        |
|------------------------------|--------|
|                              | IP67   |
|                              | IP69K  |
| Ambient temperature, minimum | -25 °C |
| Ambient temperature, maximum | +80 °C |

### Ordering code

Product type description:

-

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| <b>(1)DT(8)(2)</b>     | Pushbutton                                                                                             |
| <b>(1)DM(2)</b>        | Pushbutton with diaphragm for dust protection                                                          |
| <b>(1)DL(8)(2)</b>     | Illuminated pushbutton                                                                                 |
| <b>(1)DLM(2)</b>       | Illuminated pushbutton with diaphragm for dust protection                                              |
| <b>(1)ML(2)</b>        | Indicator light with flat collar                                                                       |
| <b>(1)MLH(2)</b>       | Indicator light with high collar                                                                       |
| <b>(1)DP(3)(8)(2)</b>  | Mushroom head impact button without latching                                                           |
| <b>(1)DTP(3)(8)(2)</b> | Mushroom head impact button without latching (only N-programm)                                         |
| <b>(1)DLP(3)(8)(2)</b> | Mushroom head impact button illuminated, without latching (only N programme)                           |
| <b>(1)DRR(3)(8)(2)</b> | Mushroom head impact button with latching, unlock by turning and pulling (pulling only in N programme) |

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| <b>(1)DRZ(3)(8)(2)</b> | Mushroom head impact button with latching, unlock by pulling            |
| <b>(1)WS21(4)(5)</b>   | Selector switch with 2 positions:                                       |
| <b>(1)WT21(4)(5)</b>   | Selector switch with 1 momentary position                               |
| <b>(1)WS32(4)(5)</b>   | Selector switch with 3 maintained positions                             |
| <b>(1)WT32(4)(5)</b>   | Wahlschalter mit 2 Taststellungen                                       |
| <b>(1)WST32(4)(5)</b>  | Selector switch: switching, latching                                    |
| <b>(1)WTS32(4)(5)</b>  | Selector switch: latching, switching                                    |
| <b>(1)SS21S(4)(5)</b>  | Key-operated selector switch with 2 maintained positions                |
| <b>(1)ST21S(4)(5)</b>  | Key-operated selector switch with 1 momentary position                  |
| <b>(1)SS32S(4)(5)</b>  | Key-operated selector switch with 3 maintained positions                |
| <b>(1)ST32S(4)(5)</b>  | Key-operated selector switch with 2 momentary positions, left and right |
| <b>(1)SST32S(4)(5)</b> | Key-operated selector switch: switching, latching                       |
| <b>(1)STS32S(4)(5)</b> | Key-operated selector switch: latching, switching                       |
| <b>NB, MBN, BN</b>     | <b>Blanking plug</b>                                                    |

(1)

**- Command and signalling devices:**

**E** "E" program

**N** "N" program

**R** "R" program

(2)

**- Colour of button surface:**

**SW** Black

**GB** Grey

(3)

**- Head diameter of mushroom head impact button 30 mm:**

**30** 30 mm

**35** 35 mm

**40** 40 mm

**42** 42 mm

**45** 45 mm

**50** 50 mm

**55** 55 mm

**70** 70 mm

(4)

**- Toggle length in mm:**

**without** Short toggle

**.1** Long toggle

(5)

**- Colour of toggle:**

**without** Grey

(6)

**- Key-withdrawal position (3 positions):**

**1** Position left

**2** Position middle

**3** Position right

(7)

**- Key-withdrawal position (2 positions):**

**1** Position left

**2** Position right

(8)

**- Colour of diaphragm (only N programme):**

**without** Black

**Pictures**

**Photo/Product/Catalogue**



ID: kndt-f13

| 357,9 kB | .jpg | 352.778 x 316.794 mm - 1000 x 898

Pixel - 72 dpi

| 35,4 kB | .png | 74.083 x 66.322 mm - 210 x 188

Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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