# Datasheet - NDTGN

Command and signalling devices / Push buttons and pilot lights - "N" Program / NDT - Push button

**SCHMERSAL**



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

## Ordering details

| | |
|---|---|
| Product type description | NDTGN |
| Article number | 101163556 |
| EAN Code | 4250116200030 |
| eCl@ss | 27-37-12-13 |

## Approval

| | |
|---|---|
| Approval | cULus USA/CAN |
| | BG BG |

## Global Properties

| | |
|---|---|
| Permanent light | NDT - Push button |
| Standards | IEC/EN 60947-1, EN 60947-5-1 |
| Compliance with the Directives (Y/N) | No |
| Suitable for safety functions (Y/N) | No |
| Mounting | mounting flange EFM |
| Materials | |
| - Material of the operators | ABS |
| - Material of the front ring | ABS, Chromium-plated |
| Design | Embeddable button - Front plate mounting |
| Form | Round |
| Color | |

| | |
|---|---|
| - Colour of the operating element | ■ green |
| - Colour of the bellows | ☐ White |
| - Colour of the front ring | ▨ Silver |
| Weight | 25 |
| Manner of using | |
| Can be illuminated (Y/N) | No |

## Mechanical data

| | |
|---|---|
| Actuating stroke | 5 |
| Latching (Y/N) | No |
| Unlocking type | without |
| Probing possible (Y/N) | Yes |
| mounting flange available (Y/N) | Yes |
| Front plate thickness | |
| - min. front plate thickness | 1.5 |
| - max. front plate thickness | 6 |
| Tightening torque for fixing screws | 0,6 |

## Ambient conditions

| | |
|---|---|
| Ambient temperature | |
| - Min. environmental temperature | −25 |
| - Max. environmental temperature | +80 |
| Storage and transport temperature | |
| - Min. Storage and transport temperature | − |
| - Max. Storage and transport temperature | − |
| Fully insulated (Y/N) | Yes |
| Sealing type | membrane, lip seal |
| Protection type IP | IP67, IP69K |

## LED switching conditions display

| | |
|---|---|
| With integrated LED (Y/N) | No |

## Dimensions

| | |
|---|---|
| Dimensions | |
| - Height | 11 mm |
| - diameters for the actuating heads | Ø 44.5 |
| - Hole, diameter | 22.3 + 0,4 |
| Spacing | 50 x 50 |

## Documents

**Operating instructions and Declaration of conformity** (it) 2 MB, 14.06.2017
Code: mrl_programme-e-n-r_it

**Operating instructions and Declaration of conformity** (en) 1 MB, 06.11.2018
Code: mrl_programme-e-n-r_en

**Operating instructions and Declaration of conformity** (pl) 2 MB, 12.10.2017
Code: mrl_programme-e-n-r_pl

**Operating instructions and Declaration of conformity** (jp) 2 MB, 28.06.2017
Code: mrl_programme-e-n-r_jp

**Operating instructions and Declaration of conformity** (pt) 2 MB, 31.05.2017
Code: mrl_programme-e-n-r_pt

**Operating instructions and Declaration of conformity** (de) 1 MB, 06.11.2018
Code: mrl_programme-e-n-r_de

**Operating instructions and Declaration of conformity** (es) 1 MB, 05.12.2018
Code: mrl_programme-e-n-r_es

**Operating instructions and Declaration of conformity** (nl) 1 MB, 05.12.2018
Code: mrl_programme-e-n-r_nl

**Operating instructions and Declaration of conformity** (fr) 1 MB, 05.12.2018
Code: mrl_programme-e-n-r_fr

**Operating instructions and Declaration of conformity** (cn) 2 MB, 21.06.2017
Code: mrl_programme-e-n-r_cn

**BG-test certificate** (de, en, fr) 174 kB, 31.07.2014
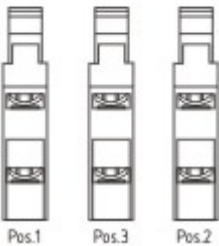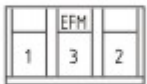Code: z_ndrp01

**IPA Data** (en) 248 kB, 09.11.2012
Code: i_ipap02

**IPA Data** (de) 255 kB, 05.09.2014
Code: i_ipap01

## Images



Application

## System components

## Accessories

**101014388 - EFM**

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**NSK - Protective collar against unintentional contact**

• for pushbuttons and illuminated pushbuttons

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## contact element

**contact element EF - (N)**

• Flat plug-in connector
• Mounting flange position 2
• 21-22 (Contact labelling)

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