15.04.2014
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# Datasheet - NDLGN

Command and signalling devices / Push buttons and pilot lights - "N" Program / NDL - Illuminated pushbutton



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

## Ordering details

| | |
|---|---|
| Product type description | NDLGN |
| Article number | 101163547 |
| EAN code | 4250116200481 |

## Approval

| | |
|---|---|
| Approval | USA/CAN<br>BG |

## Global Properties

| | |
|---|---|
| Product name | NDL - Illuminated pushbutton |
| 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 ELM |
| 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 | 30 g |
| Manner of using | |
| Can be illuminated (Y/N) | Yes |

## Mechanical data

| | |
|---|---|
| Actuating stroke | 5 mm |
| 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 mm |
| - max. front plate thickness | 6 mm |
| Tightening torque for fixing screws | 0,6 Nm |

## Ambient conditions

| | |
|---|---|
| Ambient temperature | |
| - Min. environmental temperature | −25 °C |
| - Max. environmental temperature | +80 °C |
| 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 |

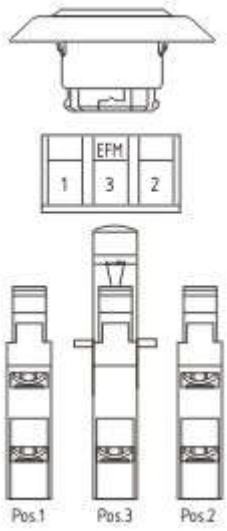
## LED switching conditions display

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

## Dimensions

| | |
|---|---|
| Dimensions | |
| - Height | 28 mm |
| - Diameter total Ø | 44.5 mm |
| Diameter of the front ring | 44.5 mm |
| Diameter of touch surface | 27 mm |
| Hole, diameter | 22.3 mm x 0,4 mm |
| Spacing | 50 x 50 mm |

## Images



Application

## System components

### Accessories



**101014387 - ELM**



**101174645 - NSK-GR**

• for pushbuttons and illuminated pushbuttons

### contact element



**101022273 - EFK03.2**

• Cage clamps
• Mounting flange position 2
• 23-24 (Contact labelling)
• Suitable for EMERGENCY-OFF



**101022272 - EFK03.1**

• Cage clamps
• Mounting flange position 1
• 13-14 (Contact labelling)
• Suitable for EMERGENCY-OFF

**101026058 - EFK30.2**

• Cage clamps
• Mounting flange position 2