

## Datasheet - NDLRT

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	NDLRT
Article number	101163544
EAN code	4250116200474

### Approval

Approval



### 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	 red

- Colour of the bellows	<input type="checkbox"/> White
- Colour of the front ring	<input checked="" type="checkbox"/> Silver
Weight	30 g
Manner of using	
Can be illuminated (Y/N)	Yes

## Mechanical data

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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

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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

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With integrated LED (Y/N)	No
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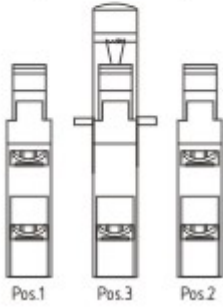
## Dimensions

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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

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Application

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## System components

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### Accessories



101014387 - ELM

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101174645 - NSK-GR

- for pushbuttons and illuminated pushbuttons
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### contact element



101022273 - EFK03.2

- Cage clamps
  - Mounting flange position 2
  - 23-24 (Contact labelling)
  - Suitable for EMERGENCY-OFF
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101026058 - EFK30.2

- Cage clamps
  - Mounting flange position 2
  - 21-22 (Contact labelling)
  - Suitable for EMERGENCY-OFF
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101022276 - EFK10.2

- Cage clamps
- Mounting flange position 2



- 21-22 (Contact labelling)



#### 101006551 - EF301.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



#### 101006548 - EF103.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



#### 101176094 - EF102.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



#### 101006545 - EF033.2

- Screw connection
- Mounting flange position 2
- 33-34; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



#### 101183081 - EF140.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



#### 101006542 - EF110.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



#### 101006539 - EF03.2

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)



**101028453 - EF02.2**

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



**101006536 - EF10.2**

- Screw connection
- Mounting flange position 2
- 21-22 (Contact labelling)



**101022138 - EF303.2**

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



**101024262 - EF220.2**

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)
- Suitable for EMERGENCY-OFF



**101022272 - EFK03.1**

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



**101026057 - EFK30.1**

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)
- Suitable for EMERGENCY-OFF



**101022275 - EFK10.1**

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)

**101018110 - EF103.1G**

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



#### 101006550 - EF301.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



#### 101006547 - EF103.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



#### 101176083 - EF102.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



#### 101006544 - EF033.1

- Screw connection
- Mounting flange position 1
- 13-14; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



#### 101183080 - EF140.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)



#### 101006541 - EF110.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)

#### 101006538 - EF03.1

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)



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**101028452 - EF02.1**

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)
- Suitable for EMERGENCY-OFF



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**101006535 - EF10.1**

- Screw connection
- Mounting flange position 1
- 11-12 (Contact labelling)



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**101023927 - EF220.1**

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF



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**101022137 - EF303.1**

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF

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**Light terminal block**

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**101167385 - ELDEKWS24**

- Cage clamps
- Mounting flange position 3
- white LED
- 24 VAC/DC



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**101167381 - ELDEKRT24**

- Cage clamps
- Mounting flange position 3
- red LED
- 24 VAC/DC



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**101166026 - ELDE.NWS230**

- Screw connection
- Mounting flange position 3
- white LED
- 230 VAC

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**101167525 - ELDE.NWS48**

- Screw connection
- Mounting flange position 3
- white LED



• 48 VAC



**101166000 - ELDE.NWS24**

- Screw connection
- Mounting flange position 3
- white LED
- 24 VAC/DC



**101166022 - ELDE.NRT230**

- Screw connection
- Mounting flange position 3
- red LED
- 230 VAC



**101167521 - ELDE.NRT48**

- Screw connection
- Mounting flange position 3
- red LED
- 48 VAC



**101165995 - ELDE.NRT24**

- Screw connection
- Mounting flange position 3
- red LED
- 24 VAC/DC

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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