

## Datasheet - NDLGR/RT

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	NDLGR/RT
Article number	101163549
EAN Code	
eCl@ss	27-37-12-11

### Approval

Approval



### Global Properties

Permanent light	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	■ Black
- Colour of the front ring	■ Silver
Weight	30
Manner of using	
Can be illuminated (Y/N)	Yes

## Mechanical data

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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

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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

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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
Diameter of touch surface	27
Hole, diameter	22.3 x 0,4
Spacing	50 x 50

## Documents

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**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

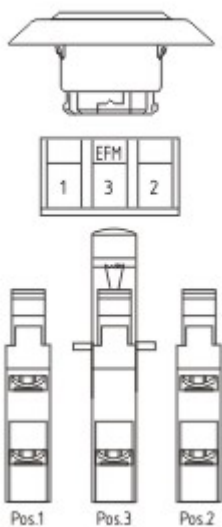
Code: i\_ipap02

**IPA Data (de)** 255 kB, 05.09.2014

Code: i\_ipap01

## Images

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Application

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## System components

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## Accessories



**101014387 - ELM**



**101174645 - NSK-GR**

- for pushbuttons and illuminated pushbuttons

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## contact element



**101026058 - EFK30.2**

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



**101026057 - EFK30.1**

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



**101022276 - EFK10.2**

- Cage clamps
- Mounting flange position 2
- 21-22 (Contact labelling)



**101022275 - EFK10.1**

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



**101022273 - EFK03.2**

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

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**101022272 - EFK03.1**

- Cage clamps



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



**101022138 - EF303.2**

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



**101022137 - EF303.1**

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



**101006551 - EF301.2**

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



**101006550 - EF301.1**

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



**101024262 - EF220.2**

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



**101023927 - EF220.1**

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



**101183081 - EF140.2**

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



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**101183080 - EF140.1**

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

**101006542 - EF110.2**

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

**101006541 - EF110.1**

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

**101006548 - EF103.2**

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

**101018110 - EF103.1G**

- 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)

**101176094 - EF102.2**

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

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**101176083 - EF102.1**

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



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**101006536 - EF10.2**

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



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**101006535 - EF10.1**

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



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**101006545 - EF033.2**

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



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**101006544 - EF033.1**

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



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**101006539 - EF03.2**

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



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**101006538 - EF03.1**

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



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**101028453 - EF02.2**

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





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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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**Light terminal block****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
- 

**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
- 

**101166026 - ELDE.NWS230**

- Screw connection
  - Mounting flange position 3
  - white LED
  - 230 VAC
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**101167521 - ELDE.NRT48**

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

**101165995 - ELDE.NRT24**

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



**101166022 - ELDE.NRT230**

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

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

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