

## Datasheet - NDTGR/RT

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



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

### Ordering details

Product type description	NDTGR/RT
Article number	101163563
EAN Code	
eCl@ss	27-37-12-13

### Approval

Approval	USA/CAN 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	<span style="color: red;">■</span> red

- Colour of the bellows	■ Black
- 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)** 1 MB, 13.06.2019  
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)** 1 MB, 13.06.2019  
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)** 1 MB, 21.12.2018

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

**IPA Data (en)** 248 kB, 09.11.2012

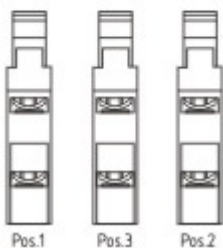
Code: i\_jpap02

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

Code: i\_jpap01

## Images

---



Application

---

## System components

---

## Accessories

101014388 - EFM



---

**NSK - Protective collar against unintentional contact**

- for pushbuttons and illuminated pushbuttons



---

**contact element**



**contact element EF - (N)**

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

---

K.A. Schmersal GmbH & Co. KG, Mödinghofe 30, D-42279 Wuppertal

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

Generiert am 15.11.2019 - 08:15:09h Kasbase 3.3.0.F.64I