

TECH BRIEF:

NBGLC STAINLESS STEEL ASSEMBLY HOUSING

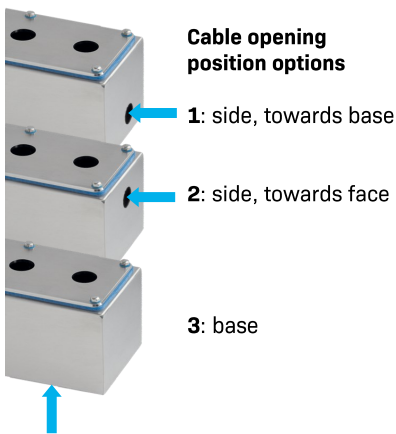
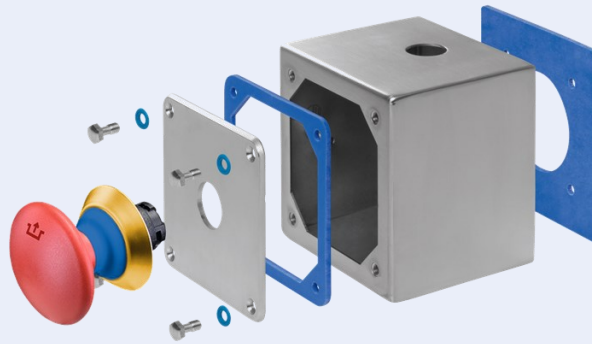


The NBGLC is a IP69 rated stainless steel enclosure for pushbuttons designed for hygienic applications, designed in accordance to DIN EN 1672-2 with hygienic and chemical-resistant materials. The enclosures are constructed from stainless steel 1.4301 (X5CrNi18-10), AISI 304, (V2A). Silicone seals are provided to fill the gaps for screws, faceplate, and base to achieve IP69 rating for wash downs. These seals are blue to be easily detectable by vision systems.

The enclosures are available in three sizes, with one to five 22.5 mm diameter predrilled holes for operator pushbuttons, signal lights or other machine controls. The conduit opening can be on the side or base of the unit. All enclosure sizes are available with optional mounting holes for emergency-stop protective collar.

Hygienic design features:

- Stainless steel construction
- Smooth surfaces with rounded corners
- Beveled edge on faceplate
- High resistance to ECOLAB cleaning agents
- Gasket seals are blue
 - Easily detectable by vision systems
 - for screws, faceplate, and base
- IP69 rated: withstands high temperature, high pressure wash downs



Cable opening position options

- 1: side, towards base
- 2: side, towards face
- 3: base

NBGLC.../NSK Version

The NSK/V4A/GB collar for the E-Stop is rear mounted and requires predrilled holes. Only available on end position.



Preassembled / Kits

N series pushbuttons are usually ordered separately. We offer some preassembled kits with buttons installed:

- NBGLC11.1-NDRZ50BL/RT-2905-1/2NC-2NO
- NBGLC11.1-NDRZ50BL/RT-2905-1/3NC-1NO
- NBGLC11.1-NSK-NDRZ50BL/RT-2905-1/3NC-1NO
- NBGLC11.1-NDTBL/BL-2NO

- E-Stop with 2 NC & 2 NO contacts
- E-Stop with 3 NC & 1 NO contacts
- E-Stop with collar, 3 NC & 1 NO contacts
- Blue pushbutton with 2 NO contacts



ORDERING DETAILS

NBGLC①②③④

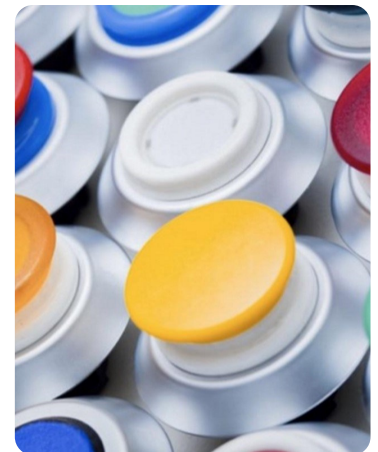
- ① Housing size:
 - 1 100 x 100 x 94 mm
 - 3 195 x 100 x 94 mm
 - 5 315 x 100 x 94 mm
- ② Holes for command devices:
 - 1 1 hole, housing size 1 only
 - 2 2 holes, housing size 3 only
 - 3 3 holes, housing size 3 only
 - 4 4 holes, housing size 5 only
 - 5 5 holes, housing size 5 only
- ③ Position of cable opening
 - 1 side, 30 mm from back/bottom
 - 2 side, 30 mm from face
 - 3 back/bottom
- ④ holes for protective collar

blank	without
/NSK	with

RELATED PRODUCTS

This assembly housing compliments our N Series of hygienic, IP69K rated pushbuttons, selector switches, and indicator lights:

NDT	Pushbutton
NDL	Illuminated Pushbutton
NDP	Mushroom Button
NDTP	Mushroom Button
NDLP	Illuminated Mushroom Button
NME	Signal light
NML	Signal light
NW	Selector switch
NWSE	Step switch
NDAN	Potentiometer dial
NHS	Main switch
NDRR50RT	E-Stop Button
NDRZ50BL/RT-2905-1	E-stop with blue seal and yellow bezel
NSK/V4A/GB	Collar for E-stop button, stainless steel



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