



Emergency stop button NHT04S

In addition to the illuminated anti-obstruction protective collar, emergency stop button NHT04S also has a key release. This ensures that only authorised persons can restart the machine after it has been stopped.

- Technical specifications
- Latching detent for anti-rotation protection and to prevent easy removal
- Optical switch position indicator (green ring)
- LED illumination available with the corresponding contact elements
- When used in combination with emergency stop enclosure NHG01, it can be used as a surface mounted version
- Matching installation wrench MS01 for simple installation
- Key release

Suitable contact elements:

KE20 Contact element with 2 N.C. contacts

KE20SF Contact element with 2 N.C. contacts + failure protection*

KE21 Contact element with 2 N.C. contacts + 1 N.O. contact

KE21SF Contact element with 2 N.C. contacts + 1 N.O. contact + failure protection*

KE20SFB Contact element with 2 N.C. contacts + failure protection* + illumination

KE21SFB Contact element with 2 N.C. contacts + 1 N.O. contact + failure protection* + illumination

*The failure protection system detects whether the contact elements are assembled correctly and switches the safety circuit off if a contact element should detach due to external influences.

The following safety control units / safety relays are suited for integration into the safety product line:

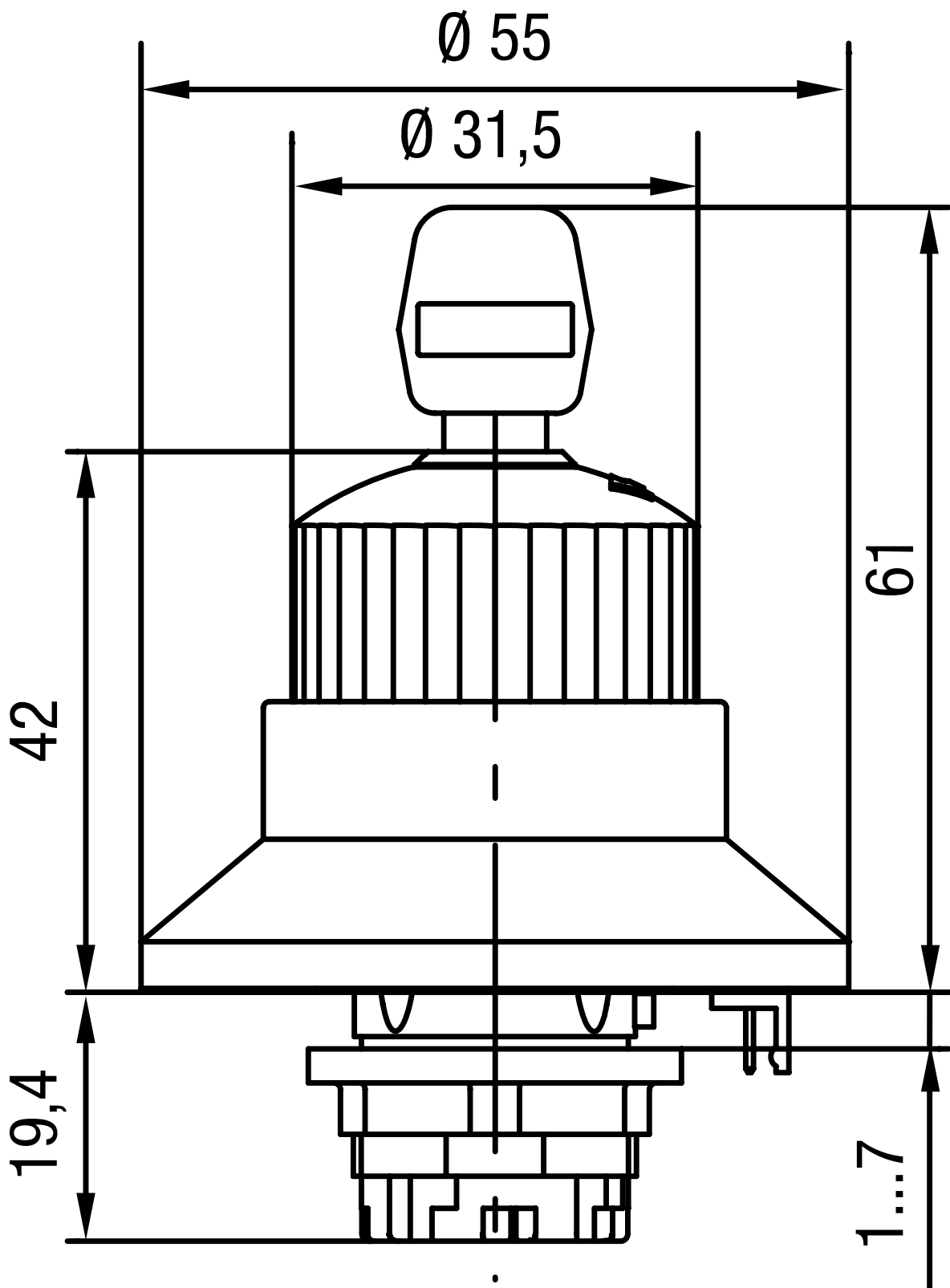
470... eloFlex Mini 2 two-channel inputs, freely configurable

471... eloFlex 4 two-channel inputs, freely configurable

485 EP... eloProg up to 128 inputs, freely configurable

Technical drawing

IMAGE 1/1



Article characteristics

| Attribute | NHT04S |
|------------------------------------|--|
| Illumination | Yes |
| Unlocking device | Key release |
| Anti-obstruction protective collar | yes |
| Operation protective collar | no |
| Service life, mechanical (Cycles) | 100000 |
| Dimensions | Ø55 x 80,4 mm |
| Detent present | yes |
| Housing material | Plastic |
| Housing colour | Front bezel: yellow; Mushroom head: red |
| Protection class | IP54 DIN EN 60529 |
| Operating temperature min. | -30 °C |
| Max. operating temperature | 55 °C |
| Min. storage temperature | -50 °C |
| Max. storage temperature | 85 °C |
| Mounting type | Fastening nut |
| Installation opening | Ø22,3 mm Installation opening required for lighting connection |
| Installation | from above |
| Torque for nuts | 2,2 N m |
| Installation depth | 19.4 mm |
| Certified in accordance with | EN 60947-5-5 EN 60947-5-1 EN ISO 13850 UL 508 / CSA 22.2 |
| CE label | yes |
| Hygienic approval | no |