elobau GmbH & Co. KG
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Emergency stop button NHT02D

Thanks to its gaiter-sealed design and hygiene certification, the emergency stop button NHT02D is suitable for use on food-processing machinery – in the food zone as well as in the splash and non-food zone.

Technical specifications

- High IP6K9K protection class ensures resistance to aggressive cleaning agents and disinfectants, and ability to withstand intensive cleaning.
- Latching detent for anti-rotation protection and to prevent easy removal
- Simple rotary release
- Matching installation wrench MS01 for simple installation

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*

*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:

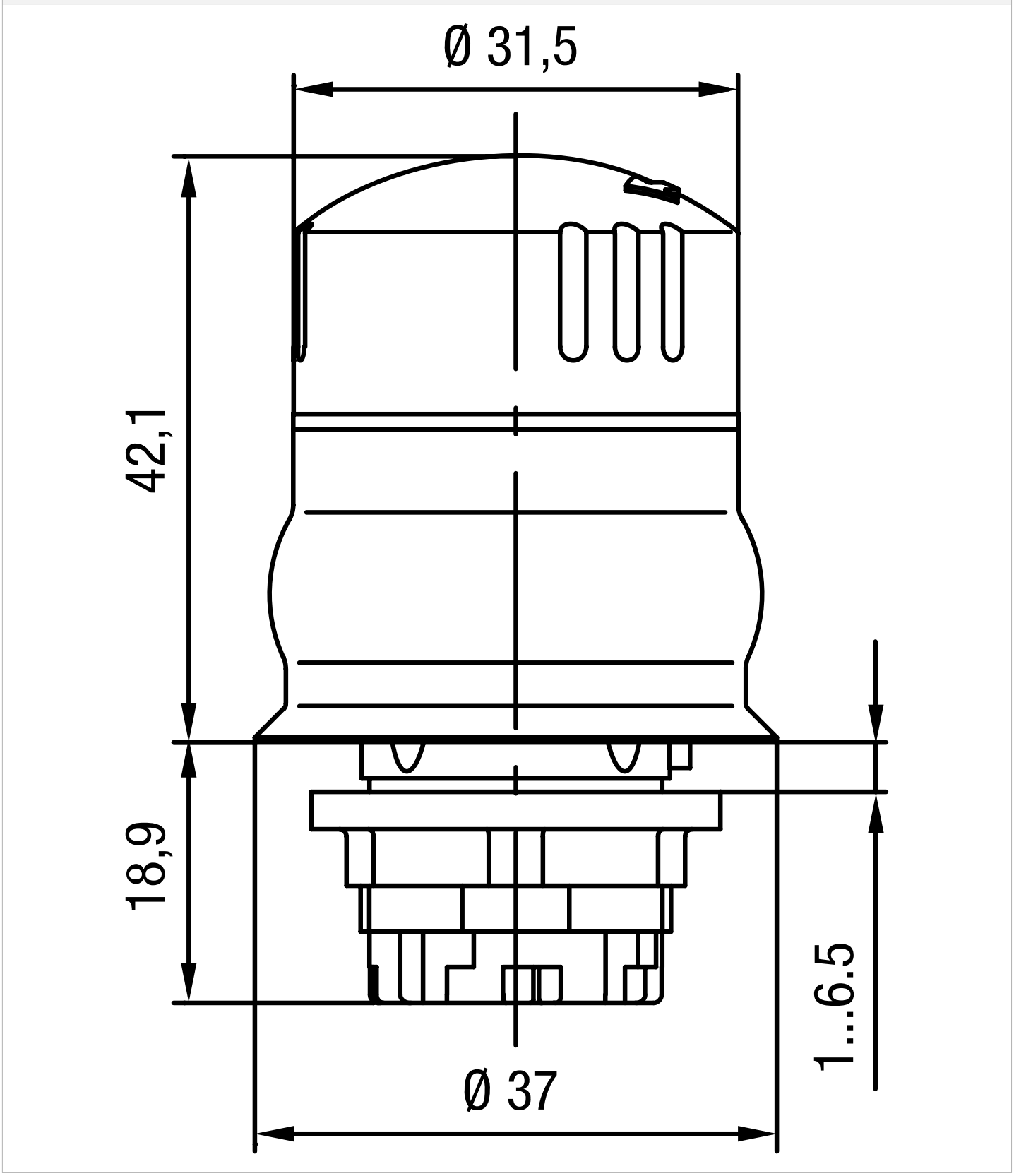
470... eloFlex Mini 2 two-channel inputs, freely configurable
471... eloFlex 4 two-channel inputs, freely configurable
485 EP... eloProg up to 128 inputs, freely configurable

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Technical drawing

IMAGE 1/1



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Article characteristics

Attribute	NHT02D
Illumination	No
Unlocking device	Rotary release left/right
Anti-obstruction protective collar	no
Operation protective collar	no
Service life, mechanical (Cycles)	6050
Dimensions	Ø37 x 61 mm
Detent present	yes
Housing material	Plastic
Housing colour	Front bezel: yello; Mushroom head: red
Protection class	IP69K DIN EN 60529
Operating temperature min.	-30 °C
Max. operating temperature	70 °C
Min. storage temperature	-50 °C
Max. storage temperature	85 °C
Mounting type	Fastening nut
Installation opening	Ø22,3 mm
Installation	from above
Torque for nuts	1,5 - 2,2 N m
Installation depth	18.9 mm
Certified in accordance with	EN 60947-5-5 EN 60947-5-1 EN ISO 13850 DIN EN 1672-2 GS-FW 01/01 UL 508 / CSA 22.2
CE label	yes
Hygienic approval	yes