elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100



Nano push button switch 145 NT

The compact design of the nano push buttons ensures they are ideal for installation in many applications such as Multi-function handles and mobile machinery keypads. The design features of the 145NT push button allows for maximum functionality in a compact space.

Technical specifications

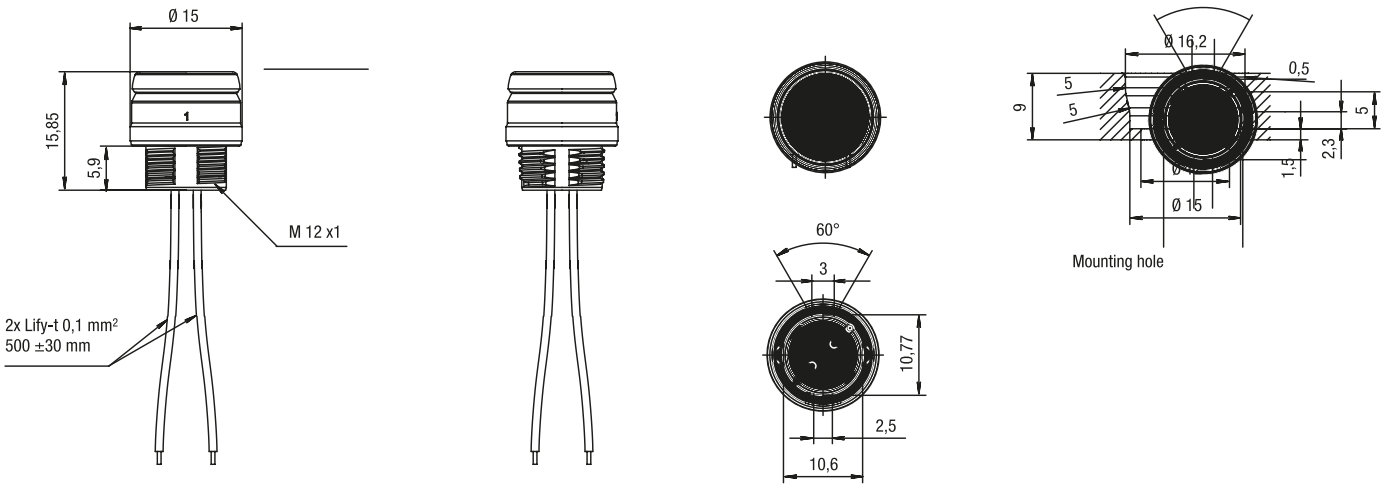
- Compact design with maximum switching reliability
- Tactile behaviour over the entire service life
- Patented design principle with encapsulated switch housing, IP67 protection class
- Function and night illumination
- Shock and vibration resistant in accordance with DIN IEC 68 Part 2
- Service life > 4 million operating cycles
- Optionally available with NAMUR wiring

elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

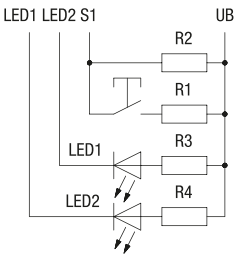
Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Technical drawing

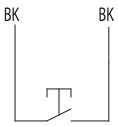
IMAGE 1/1



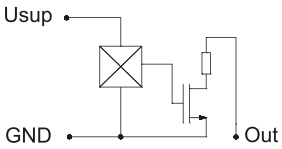
Reed NAMUR circuit with LED



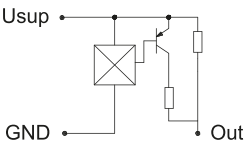
Reed N.O. circuit



Hall switch open drain circuit



Optional: Hall switch high-side circuit



elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Product options

IMAGE 1/2

Actuator colors

- RAL 5005
- RAL 6024
- RAL 2003
- RAL 9004

Illumination colours LED

- Green
- White

Actuator colors Optional

- RAL 3020
- RAL 7015
- RAL 7042
- RAL 8001
- RAL 1023

Illumination colours LED Optional

- Red
- Yellow
- Blue

Additional versions are available on request. The push button caps can optionally be printed with symbols. (symbol Ø max. 10 mm).

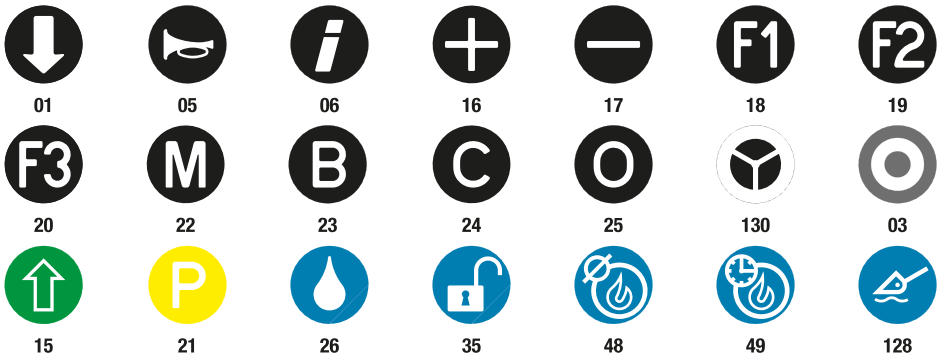
elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

IMAGE 2/2

Optional icons for push button 145 NT

Icon colour: white translucent



Icon colour: red translucent

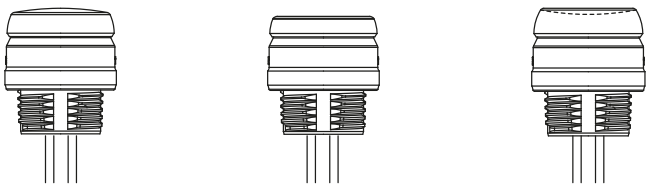


Icon colour: black



Additional symbols in accordance with DIN ISO 7000:2008-12 are available on request.

Optional:
2K nano push button



Optional icon for
2K push button



Optional
actuator colours

RAL 3020 RAL 5005 RAL 6024 RAL 1023
RAL 7015 RAL 2003 RAL 9004

elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Article characteristics

Attribute	145NTG...	145NTH...
Max. switching voltage	30 V DC	-
Max. switching current	0.3 A	-
Max. switching power	3 W	
Max. switching power	3 VA	5 VA
Contact form	NO	-
Series resistor	-	85 Ohm
Service life, mechanical (Cycles)	2000000	
Protection class, electronic	IP67 DIN EN 60529	
Operating temperature min.	-40 °C	
Max. operating temperature	85 °C	
Min. storage temperature	-40 °C	
Max. storage temperature	85 °C	
Installation	from above	
Mounting type	screwed	
Thread	M12	
Cable length	0.5 m	