



## Nano push button switch 145 NT

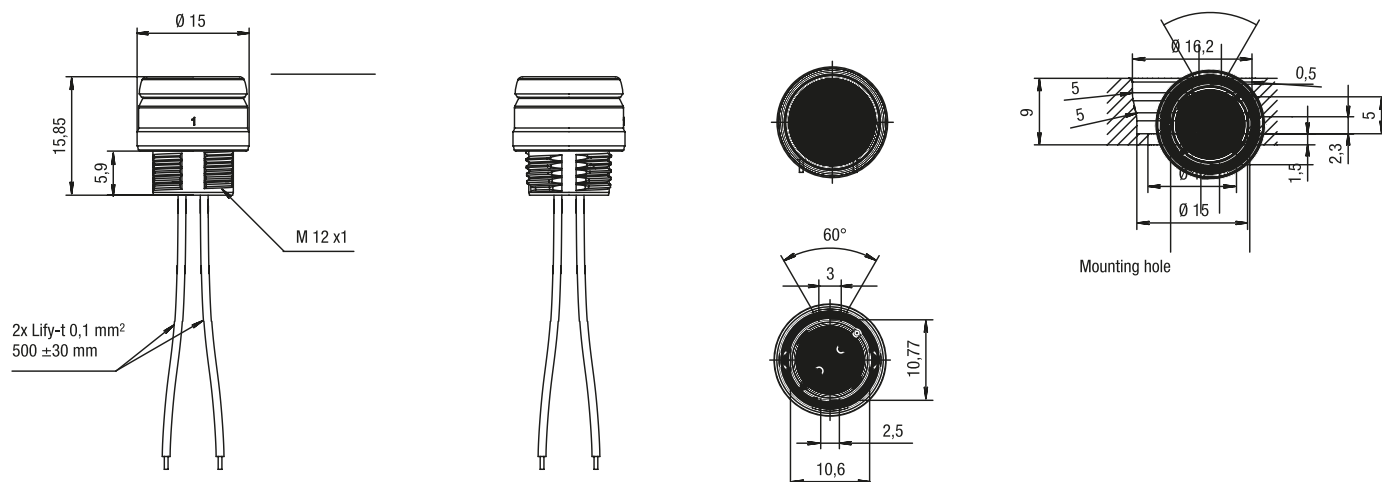
The compact design of the nano push buttons ensures they are ideal for installation in many applications such as Multi-function handles and mobile machinery keypads. The design features of the 145NT push button allows for maximum functionality in a compact space.

### 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 > 2 million operating cycles
- Optionally available with NAMUR wiring

## 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



## Product options

IMAGE 1/2

### Actuator colors



RAL 5005



RAL 9004



RAL 6024



RAL 2003

### Actuator colors Optional



RAL 3020



RAL 8001



RAL 7015



RAL 1023



RAL 7042

### Illumination colours LED



Green



White

### Illumination colours LED Optional



Red



Yellow



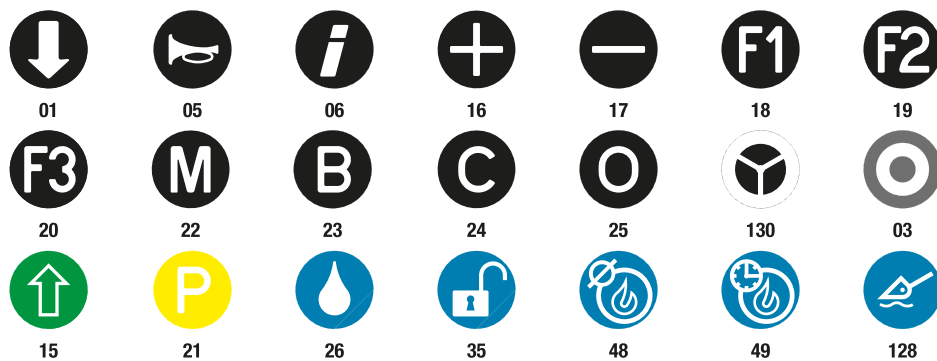
Blue

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

IMAGE 2/2

**Optional icons for push button 145 NT**

Icon colour: white translucent



Icon colour: red translucent



Icon colour: black



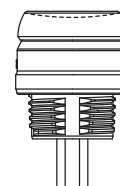
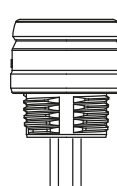
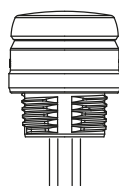
Additional symbols in accordance with DIN ISO 7000:2008-12 are available on request.

**Optional:  
2K nano push button**

Convex push button

Flat push button

Concave push button



**Optional icon for  
2K push button**



01



02



03

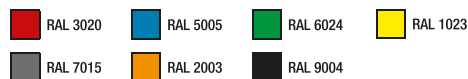


04



05

**Optional  
actuator colours**



## 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	