



Nano push button switch 145 NT

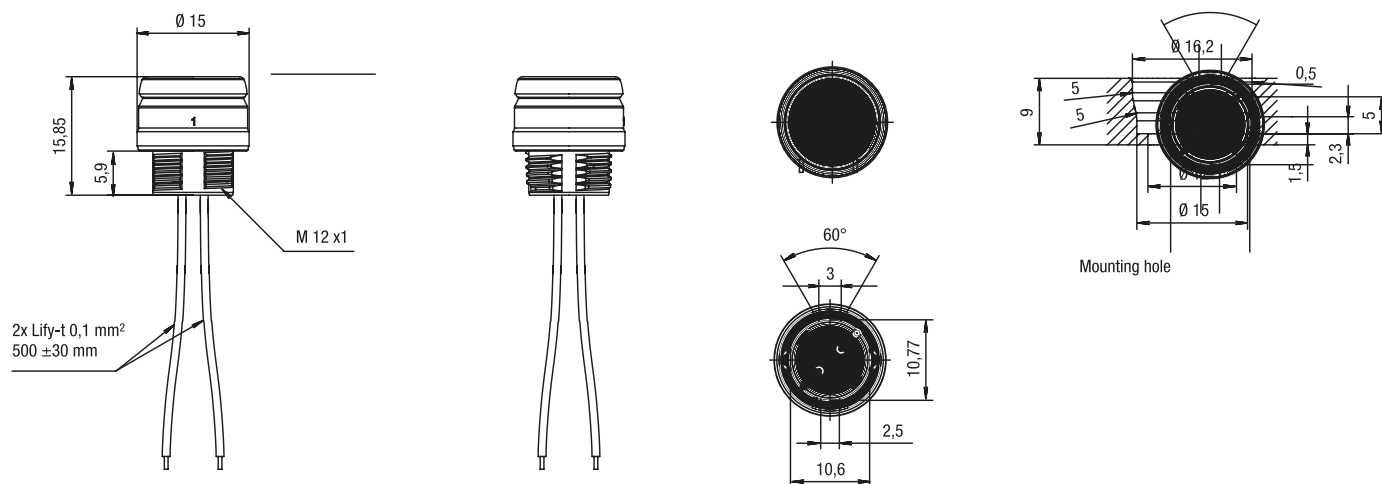
The compact design of the nano push buttons ensures they are ideal for installation in many applications such as Multi-function handles and mobile machinery keypads. The design features of the 145NT push button allows for maximum functionality in a compact space.

Technical specifications

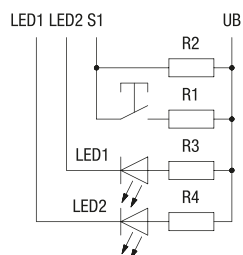
- Compact design with maximum switching reliability
- Tactile behaviour over the entire service life
- Patented design principle with encapsulated switch housing, IP67 protection class
- Function and night illumination
- Shock and vibration resistant in accordance with DIN IEC 68 Part 2
- Service life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

Technical drawing

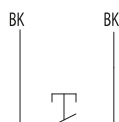
IMAGE 1/1



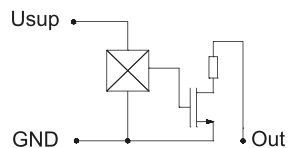
Reed NAMUR circuit with LED



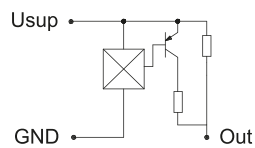
Reed N.O. circuit



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



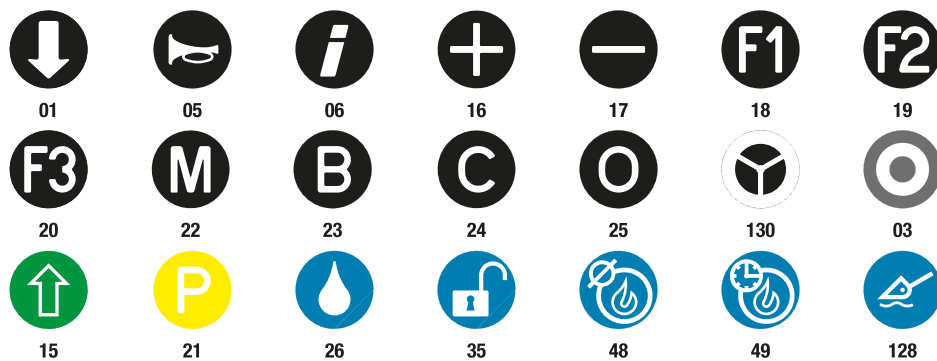
Blue

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



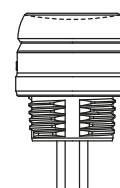
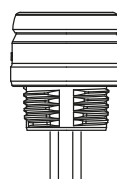
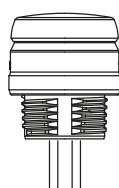
Additional symbols in accordance with DIN ISO 7000:2008-12 are available on request.

Optional: 2K nano push button

Convex push button

Flat push button

Concave push button



Optional icon for 2K push button



01



02



03

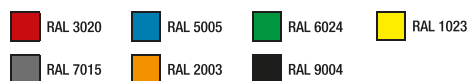


04



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	