

# LUMOTAST 16, illuminated pushbutton, round collar, momentary contact function, frontring black, 1 NO, bezel white



# fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Handheld terminals
- > Industrial robots
- Model construction

# special features

- > Illuminated by integrated LED
- Option: C-LAB variant with replaceable legend inserts
- > Round mounting hole, diameter 16.2 mm
- > Mounting depth: 18 mm
- Terminal: male quick-connect terminal 2.8 x 0.5 mm
- > Gold or silver contacts
- > Contacts: Standard: 1NO
- **>** max 35 V / 100 mA
- Water jet protection class IP 65 and IP 67 on front



# description

Through the use of RAFI tactile switches, the LUMOTAST 16 illuminated pushbuttons offer crisp, tactile feedback – with a distinct key click. They offer an impressively wide range of possible industrial uses and applications.

# technical data

>	general		
	Bezel color	white	direct links
	Property of bezel / mushroom	translucent	➤ RAFI eCatalog
	Collar color	black	
	Front ring color	black	
	Luminous element color	white	
	Collar shape	round	
	Operating temperature, min.	-25 °C	
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-40 °C	
	Storage temperature, max.	80 °C	
	illuminated	Yes	
	Packaging	Box	
	Packaging unit	10 pcs.	
	net weight	4.2 g	
	Operating life	500,000 cycles	
	B10	600,000 cycles	
	Degree of protection, front side,	IP65	
	according to DIN EN 60529	IP67	

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# 1.15.210.101/2201



	UL Enclosure Type Rating front side	type 1
	Vibration resistance according to standard IEC 60068-2-6	5 g at 10 - 500 Hz
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	23.5 mm
	Outside dimension, width	23.5 mm
	Outside dimension, height	22.3 mm
	Mounting hole	16.2 mm
	Mounting depth	18 mm
	Installation height	4.6 mm
	Collar dimension	23.5 mm
>	mechanical data	
	Actuation function	momentary contact function
	Contact function	1 NO
	Contact system	Snap-action contact
	Contact material	Gold
	Fixing	Threaded ring
	Solderability	No
	Threaded ring torque, max.	0.8 Nm
	Terminal on the rear	Flat quick-connect terminal 2.8 x 0.5
>	electrical data	
	Rated insulation voltage	42 V
	Operating voltage of the luminous	10 V
	element, min.	
	Operating voltage of the luminous	32 V
	element, max.	
	Rated voltage, min.	0.02 V
	Rated voltage, max.	35 V
	Rated voltage, max. acc. to UL 60947	30 V AC (42,2 V peak)
	Voltage type	DC
	Rated operating voltage	0.02-35 V
	Operating current of the luminous element, min.	18 mA
	Operating current of the luminous element, max.	25 mA
	Rated current, min.	0.0001 A
	Rated current, max.	0.1 A
	Rated power, max.	1 W

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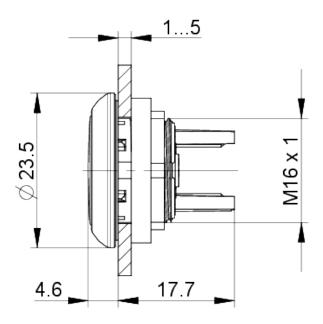
## technical data sheet



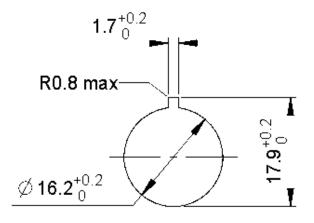


# drawings

## **Dimensioned drawing**



# Mounting hole drawing



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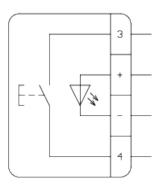
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Schematic diagram



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