

LUMOTAST 16, illuminated pushbutton 5V, round collar, momentary contact function, frontring metallic silver, 1 NO, bezel green



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	green	direct links
	Property of bezel / mushroom	translucent	> RAFI eCatalog
	Collar color	black	
	Front ring color	metallic silver	
	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	

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	Degree of protection, front side, according to DIN EN 60529	IP65 IP67				
	UL Enclosure Type Rating front	type 1				
	side	type i				
	Vibration resistance according to	5 g at 10 - 500 Hz				
	standard IEC 60068-2-6					
	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 element, min.	4.8 V				
	Operating voltage of the luminous	5.2 V				
	element, max.					
	Rated voltage, min.	0.02 V				
	Rated voltage, max.	35 V				
	Rated voltage, max. acc. to UL	30 V AC (42,2 V peak)				
	60947					
	Voltage type	DC				
	Rated operating voltage	0.02-35 V				
	Operating current of the luminous element, min.	30 mA				
	Operating current of the luminous element, max.	50 mA				
	Rated current, min.	0.0001 A				
	Rated current, max.	0.1 A				
	Rated power, max.	1 W				
	1 · · · ·					

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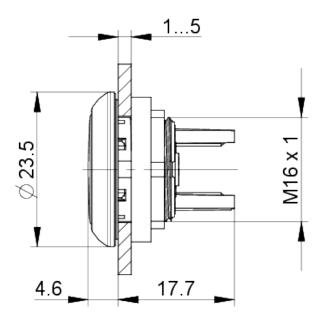
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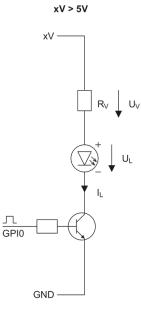
drawings

Dimensioned drawing



System drawing

Getaktete Ansteuerung an einer beliebigen Spannung x > 5V



		TYP	MIN	MAX	EINHEIT			
	U _{CE}	0,3			V		=	xV - 5V
	UL	4,7	4,5	5,2	V	Rv	= -	xV - 5V
[ΙL	40		50	mA			40 mA

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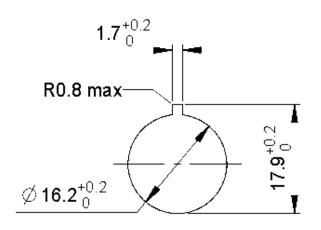
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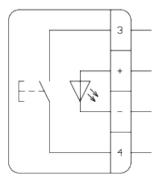




Mounting hole drawing



Schematic diagram



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