

# LUMOTAST 16, illuminated pushbutton, round collar, momentary contact function, frontring metallic silver, 1 NO, bezel red



# 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	red	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	
Degree of protection, front side,	IP65	
according to DIN EN 60529	IP67	

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. **date**: Aug 31, 2024 **page**: 1/4

#### RAFI GmbH & Co. KG

technical data sheet

# 1.15.210.121/2300



	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.	00.14
	Operating voltage of the luminous element. max.	32 V
	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	00 V / 10 (12,2 V pour,
	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

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. **date**: Aug 31, 2024 **page**: 2/4

#### RAFI GmbH & Co. KG

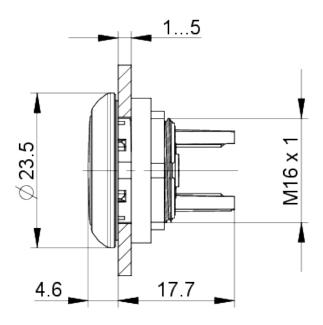
#### technical data sheet



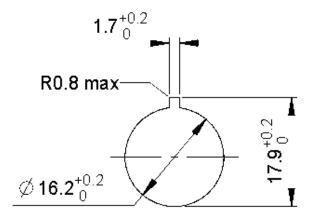


# drawings

#### **Dimensioned drawing**



## Mounting hole drawing



The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. date: Aug 31, 2024 page: 3/4

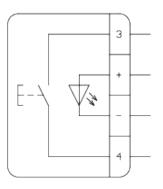
#### RAFI GmbH & Co. KG

technical data sheet





Schematic diagram



The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. **date**: Aug 31, 2024 **page**: 4/4

RAFI GmbH & Co. KG