

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



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

>

t links Fl eCatalog
FI eCatalog

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: Nov 23, 2024 page: 1/4

RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany . www.rafi-group.com info.headquarters@rafi-group.com technical data sheet





	Degree of protection, front side,	IP65			
	according to DIN EN 60529	IP67			
	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 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 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.	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			
	• •				

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**: Nov 23, 2024 **page**: 2/4

RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com

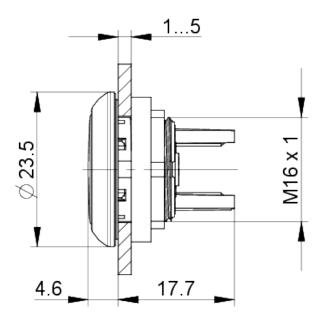
technical data sheet





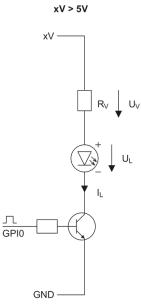
drawings

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

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**: Nov 23, 2024 **page**: 3/4

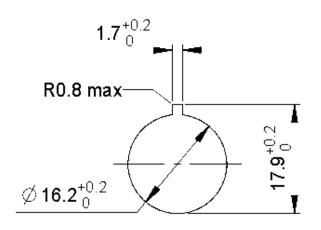
RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet

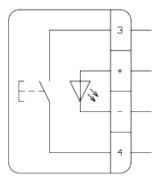




Mounting hole drawing



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**: Nov 23, 2024 **page**: 4/4

RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com