

# LUMOTAST 75 IP65, illuminated pushbutton, round collar, protruding bezel, latching, 1 NC + 1 NO



# fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Signalling systems

### special features

- > Water jet protection class IP 65 on front
- > Mounting hole diameter 16.2 mm
- > 3 collar shapes also rectangular
- Lamp socket: T4.5: full-surface illumination with LED is possible
- Silver contacts with self-cleaning snapaction contact bridge for safe switching, suitable for large currents (max. 250 V / 4 A)
- Contact configurations: 1 NC +1 NO or 2 NC + 2 NO
- > Solder terminal



# description

LUMOTAST 75 illuminated pushbuttons and signal lamps have been in use for decades. They are the most successful monoswitches in RAFI history. The wide range of collar shapes in classic design and the established terminal and legending concept make the LUMOTAST 75 series one of your most reliable components. The pushbuttons and signal lamps are available in IP 65 protection class according to DIN. They come with a 2.5 mm higher collar than the variant with IP 40, due to the additional seal. Lenses and diffusing discs must be ordered separately.

# technical data

| > general  |                               |                 |
|--|-------------------------------|-----------------|
| Collar color   | black                         | direct links    |
| Collar shape   | round                         | > RAFI eCatalog |
| Operating temperature, min.                                    | -25 °C                        |                 |
| Operating temperature, max.                                    | 55 °C                         |                 |
| Storage temperature, min.                                      | -40 °C                        |                 |
| Storage temperature, max.                                      | 80 °C                         |                 |
| illuminated  | Yes                           |                 |
| Lamp socket  | T4.5                          |                 |
| Packaging  | Box                           |                 |
| Packaging unit   | 5 pcs.                        |                 |
| net weight   | 13 g                          |                 |
| Operating life electrical                                      | 10.000 (4A / 250V AC) cycles  |                 |
|  | 50.000 ( 2A / 250V AC) cycles |                 |
| B10  | 65,000 cycles                 |                 |
| Degree of protection, front side,<br>according to DIN EN 60529 | IP65                          |                 |

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# 1.15.108.976/0000



|   | Environment resistance    | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-33<br>IEC 60068-2-78 |
|---|---------------------------|--|
|   | Protection class          |  |
|   | MOQ order                 | 20 pcs.  |
|   | RoHS compliant            | Yes  |
|   | REACH compliant           | Yes  |
| > | mounting diameters        |  |
|   | Outside dimension, length | 19 mm  |
|   | Outside dimension, width  | 19 mm  |
|   | Mounting hole             | 16.2 mm  |
|   | Mounting depth            | 57.5 mm  |
|   | Installation height       | 10.5 mm  |
|   | Collar dimension          | 19 mm  |
| > | mechanical data           |  |
|   | Actuation function        | latching   |
|   | Operating force, max.     | 6.5 N  |
|   | Operating force, min.     | 3 N  |
|   | Operating travel, max.    | 2.5 mm   |
|   | Contact function          | 1 NC + 1 NO  |
|   | Contact system            | Bridge-snap-action contact   |
|   | Contact material          | Silver   |
|   | Fixing                    | Threaded ring  |
|   | Solderability             | Yes  |
|   | Terminal on the rear      | Solder terminal  |
| > | electrical data           |  |
|   | Rated voltage, min.       | 12 V   |
|   | Rated voltage, max.       | 230 V  |
|   | Rated current, min.       | 0.05 A   |
|   | Rated current, max.       | 4 A  |
|   |                           |  |

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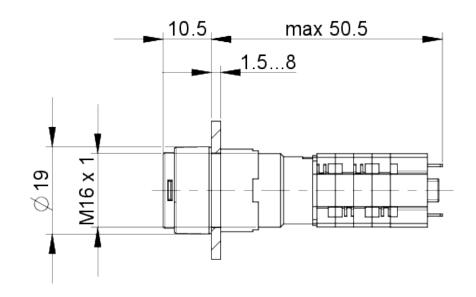
## technical data sheet

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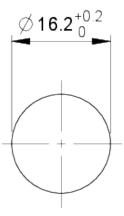


# drawings

# **Dimensioned drawing**



## Mounting hole drawing



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