

ComEx[flex] Illuminated button

Features

- One module for all fields of application
- Excellent luminosity
- High flexibility thanks to the junction box
- Low installation depth

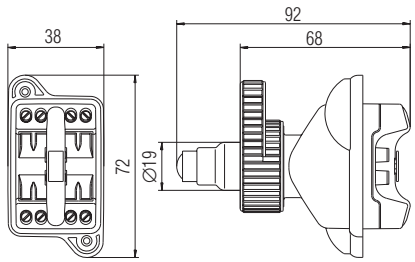
Description

The ComEx[flex] illuminated button is used in almost all hazardous (potentially explosive) areas where machine functions are activated by pressing a button and the corresponding functional status is to be indicated visually.

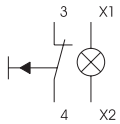
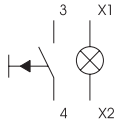
ComEx[flex] is flexible and in addition to a large number of illuminated button actuators it offers a junction box to facilitate a safe and convenient installation of the module into a control panel. The module contacts are designed as snap-action contact elements.

The conductors are connected by means of terminals on the back of the module which have an increased safety level. The easy installation of the lamp module actuating elements, without tools, ensures conformance to the high IP degree of protection.

Dimensions



Selection chart

Type of contacts	Code no.	Colour LED	Code no.	Colour actuator	Code no.
1 N/C 	7	red	1	red	5
		green	2	green	6
		yellow	3	yellow	7
1 N/O 	8	white	4	white	8
		blue	5	blue	9

Complete order no.

Illuminated button
without actuating element **07-3363-4** ☐☐ **0**

Actuating element
Standard **05-0003-006** ☐ **00**
Increased oil resistance **05-0003-006** ☐ **00BN**

Please enter code number.

ComEx[flex] Illuminated Button

Explosion protection

Ex protection type	Ⓔx II 2G Ex de IIC Gb Ⓔx I M2 Ex de I Mb
Certification	PTB 97 ATEX 1064 U IECEx PTB 10.0014 U
Ambient temperature	-55 °C to +60 °C

Technical Data

Protection class	determined by the actuating element and control station enclosures, terminals IP 20 (IEC 60529).
Rated Insulation voltage	300 V
Rated operating voltage	AC 12 V to 250 V ($T_a \leq +50$ °C) DC 12 V to 60 V ($T_a \leq +50$ °C) AC/DC 12 V to 24 V ($T_a \leq +60$ °C)
Power consumption	< 1 W
Lamp	LED, red, green, yellow, white, blue
Contacts	1 N/C or 1 N/O as snap switch element AC 15: 1 A, 230 V
Illumination	very bright, over a visible angle of 180°
Enclosure material	thermoplastic
Type of connection	terminals 2.5 mm², fine-stranded
Service life	electrical: $>10^5$ running hours mechanical: $>10^5$ switching cycles
Storage and transport temperature	-55 °C to +70 °C
Weight	approx. 110 g
Mounting	locked, bayonet lock
Shock resistance	DIN EN 60068-2-27: 2010, 30 g 18 ms

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