



## ComEx<sup>flex</sup> Lamp module

### Features

- One module for all fields of application
- Illumination 180°
- High flexibility due to junction box
- Low installation depth

### Description

The ComEx<sup>flex</sup> lamp module indicates command modes by means of a light signal lighting up or going out. It is suitable for use in almost all explosive areas in which a visual indication of a machine's functional status is required.

The lamp module can be combined with various lamp module actuating elements. A junction box is available to facilitate a safe and convenient installation of the module into a control panel.

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

### Explosion protection

#### Ex protection type

**ATEX** II 2G Ex de IIC Gb  
 I M2 Ex de I Mb

#### Certification

PTB 97 ATEX 1064 U

**IECEX** Ex de IIC Gb  
Ex de I Mb

#### Certification

IECEX PTB 10.0014 U

#### Further approvals

CSA, NEPSI, GOST, KTL, INMETRO, DNV

Other approvals and certificates, see [www.bartec-group.com](http://www.bartec-group.com)

#### Ambient temperature

-55 °C to +60 °C



**Technical data**

**Protection class**

determined by actuating element and control station enclosure, min. IP 66, terminals IP 20 (IEC 60529).

**Rated insulation voltage**

300 V

**Rated operating voltage**

AC 12 V to 250 V ( $T_a \leq +50\text{ °C}$ )  
 DC 12 V to 60 V ( $T_a \leq +50\text{ °C}$ )  
 AC/DC 12 V to 24 V ( $T_a \leq +60\text{ °C}$ )

**Power consumption**

$\leq 1\text{ W}$

**Lamp**

LED, red, green, yellow, white, blue

**Illumination**

very bright, over a visible angle of 180°

**Enclosure material**

Thermoplastic

**Connection**

Terminals 2.5 mm<sup>2</sup>, fine-stranded

**Electrical life**

$>10^5$  running hours

**Storage and transport temperature**

-55 °C to +70 °C

**Weight**

approx. 110 g

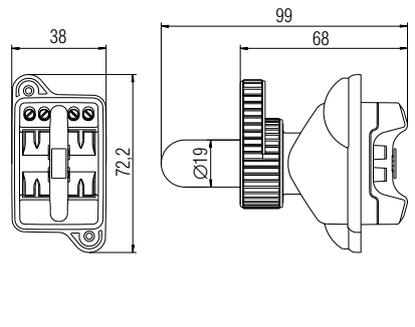
**Mounting**

locked, bayonet lock

**Shock resistance**

DIN EN 60068-2-27, 30 g 18 ms

**Dimensions**



**Selection chart**

Wiring diagram	Colour LED	Code no.	Colour actuator	Code no.
	red	<b>1</b>	red	<b>3</b>
	green	<b>2</b>	green	<b>4</b>
	yellow	<b>3</b>	yellow	<b>5</b>
	white	<b>4</b>	white	<b>6</b>
	blue	<b>5</b>	blue	<b>7</b>

**Complete order no.\***

**Lamp module** without actuating element **07-3353-41**  **0**

**Actuating element** Standard **05-0003-001**  **00**

Increased oil resistance **05-0003-001**  **00BN**

Please enter code number. Technical data subject to change without notice.

\* Product printing standard: ATEX and IECEx marking. Other markings on request. Please specify in plain text.