

8602C3-008-B-M01-02-KMS01



- Pushbutton, mushroom pushbutton, mushroom stay-put button with key lock, mushroom stay-put button, twin pushbutton and illuminated pushbutton, rotary actuator, key-operated switch, potentiometer bezel and indicator lamp bezel
- One axial actuator can actuate up to four 8082 series contact elements
- Key-operated switches and rotary switches codable at any time as "latching/spring return" or "key not removable"

WebCode **8602A**



Thanks to their special technical features, the actuators from the 8602/3 series can withstand the most extreme conditions. In addition to the application option for use in ambient temperatures from -60 °C to +70 °C, the IP degree of protection, IP66, is maintained in accordance with EN 60529. It is also possible to actuate up to four contact elements from the 8082 series with a single axial actuator from the 8602/3 series.

The coding option of the key switches and rotary switches is innovative and one-of-a-kind. Integrated coding allows you to adjust the "latching/spring return" and/or "key not removable" functions at any time without additional accessories. A versatile set of accessories consisting of label holders and locking devices is available.

## Technical Data

### Explosion Protection

|                                 |   |
|---------------------------------|---|
| Application range (zones)       | 1<br>2<br>21<br>22  |
| IECEX gas certificate           | IECEX PTB 13.0047U  |
| IECEX gas explosion protection  | Ex eb IIC Gb  |
| IECEX dust certificate          | IECEX PTB 13.0047 U   |
| IECEX dust explosion protection | Ex tb IIIC Db   |
| ATEX gas certificate            | PTB 13 ATEX 1019 U  |
| ATEX gas explosion protection   | Ex II 2 G Ex eb IIC Gb  |
| ATEX dust certificate           | PTB 13 ATEX 1019 U  |
| ATEX dust explosion protection  | Ex II 2 D Ex tb IIIC Db   |
| UL gas certificate              | E182378 V4 S2   |
| Certificates                    | ATEX (PTB), Brazil (ULB), Canada / USA (UL), EAC (CCVE), IECEX (PTB), India (PESO), Korea (KGS) |

### Ambient Conditions

|                         |                    |
|-------------------------|--------------------|
| Ambient temperature     | -20 °C ... +60 °C  |
| Ambient temperature     | -4 °F ... +140 °F  |
| Storage temperature     | -25 °C ... +60 °C  |
| Storage temperature     | -13 °F ... +140 °F |
| Use at the height of    | < 2000 m           |
| Degree of contamination | 3                  |

### 8602C3-008-B-M01-02-KMS01

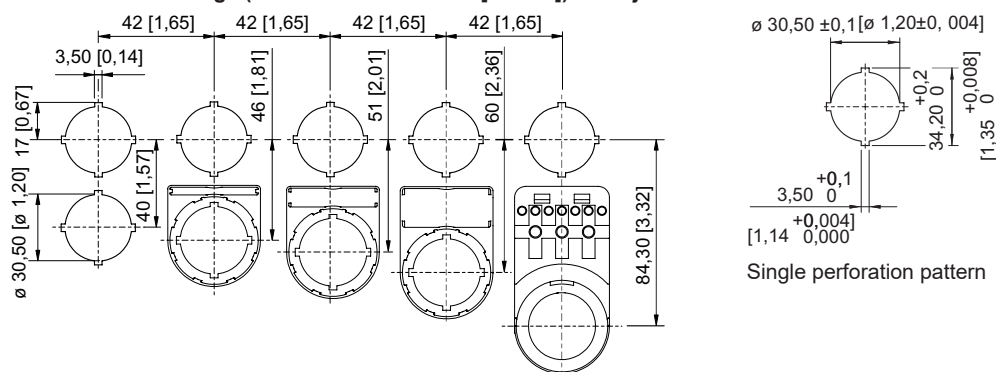
#### Mechanical Data

|                               |  |
|-------------------------------|--|
| Degree of protection (IP)     | IP66   |
| Note on degree of protection  | According to IEC/EN 60529  |
| Enclosure material            | Polyamide  |
| Silicone-free                 | Yes  |
| Number of switching positions | 2  |
| Assembly                      | 008  |
| Diameter                      | 39 mm  |
| Service life, min.            | 10 <sup>5</sup> actuations   |
| Impact strength (IEC 60079)   | 7 J  |
| Impact strength (IEC 62262)   | min. IK08  |
| Colour                        | Black  |
| Fastening                     | Thread type  |
| Seal                          | Standard   |
| Packaging unit                | 1  |
| Weight                        | 0.06 kg  |
| Weight                        | 0.13 lb  |
| Description note              | With the installed coding elements, conversion to the "spring return" or "key not removable" function is possible.<br>Additional closures on request.<br>2 keys enclosed. Pressure plates for 1-2 and 3-4 contact elements enclosed. |

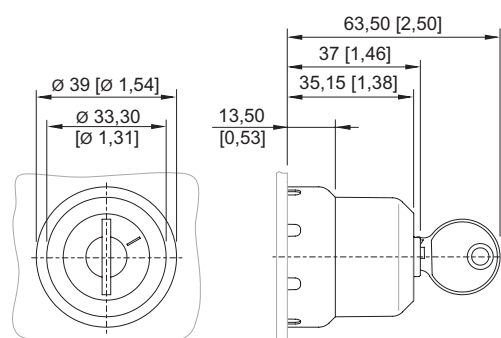
#### Mounting / Installation

|                          |              |
|--------------------------|--------------|
| Tightening torque        | 3 Nm         |
| Tightening torque lbf in | 26.55 lbf in |

#### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations







Standard cut-out with / without front label




8602C3-008-B-M01-02-KMS01



### Accessories

| Label holder   |   | Art. No. |
|--|---|----------|
|  | Size 1, without insert disc, 1-line label<br>for actuators Ø 39 | 223566   |

| Insert discs for label holder   |  | Art. No. |
|---|--|----------|
|   | 1-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive | 238271   |
|   | 2-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive | 238272   |
|  | 3-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive | 238273   |






| Closing part   |  | Art. No. |
|--|--|----------|
|  | 8602C3-733-B<br>for closing unused holes in cover, Ø 30.5 mm, NBR      | 244306   |
|  | 8602C3-733-S<br>for closing unused holes in cover, Ø 30.5 mm, silicone | 244307   |

### Spare Parts

| Label holder   |   | Art. No. |
|--|---|----------|
|  | Size 2, without insert disc, 1- or 2-line label<br>for actuators Ø 39     | 223567   |
|  | Size 3, without insert disc, 1-, 2- or 3-line label<br>for actuators Ø 39 | 223568   |

| Special key  |                                    | Art. No. |
|--|------------------------------------|----------|
|  | for tightening plastic locking nut | 169101   |

8602C3-008-B-M01-02-KMS01

| Pressure plates  |  | Art. No. |
|--|--|----------|
|    | for key-operated switch and axial rotary actuator<br>1 to 2 contact elements                 | 253627   |
|    | for key-operated switch and axial rotary actuator<br>3 to 4 contact elements                 | 221707   |
| Holder for front installation  |  | Art. No. |
|    | 8602/3 holder for cable duct   | 248673   |
| Adaptor for front installation   |  | Art. No. |
|   | 8602/3 Front installation for indicator lamp series 8010/6 and contact element series 8082/3 | 227038   |
| 8082/3 Contact element   |  | Art. No. |
|  | for NC contact front installation  | 240898   |
|  | for NO contact front installation  | 240899   |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.