

8602C3-732-B-90G-E08 Art. No. 264001



- 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 Series 8082 contact elements
- Key-operated switches and rotary switches codable at any time as "latching/spring return" or "key not removable"

MY R. STAHL 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, 2, 21, 22                                                                                  |
| IECEEx gas certificate           | IECEEx PTB 13.0047U                                                                           |
| IECEEx gas explosion protection  | Ex eb IIC Gb                                                                                  |
| IECEEx dust certificate          | IECEEx PTB 13.0047 U                                                                          |
| IECEEx 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                                                                                 |
| Certificate ULus                 | E182378 V4 S2                                                                                 |
| Marking ULus                     | Class I, Zone 1, AEx eb IIC Gb<br>Zone 21, AEx tb IIIC Db                                     |
| Certificate cUL                  | E182378V4S2                                                                                   |
| Marking cUL                      | Class I, Zone 1, Ex eb IIC Gb<br>Zone 21, Ex tb IIIC Db                                       |
| Inmetro gas certificate          | UL-BR 14.0380U                                                                                |
| Inmetro dust certificate         | UL-BR 14.0380U                                                                                |
| Certificates                     | ATEX (PTB), Brazil (ULB), Canada / USA (UL), Canada (UL), IECEEx (PTB), Korea (KGS), USA (UL) |

| Ambient Conditions  |                   |
|---------------------|-------------------|
| Ambient temperature | -20 °C ... +60 °C |
| Ambient temperature | -4 °F ... +140 °F |

# Installation equipment

## Rotary actuator, small not lockable

**STAHL****8602C3-732-B-90G-E08 Art. No. 264001****Ambient Conditions**

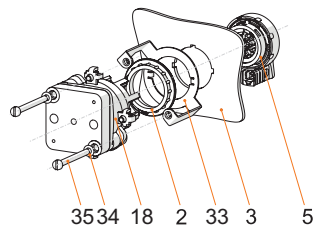
|                         |                    |
|-------------------------|--------------------|
| Storage temperature     | -25 °C ... +60 °C  |
| Storage temperature     | -13 °F ... +140 °F |
| Use at the height of    | < 2000 m           |
| Max. operating altitude | 2000 m             |
| Degree of pollution     | 3                  |

**Mechanical Data**

|                              |                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------|
| Version                      | not lockable                                                                          |
| Degree of protection (IP)    | IP66                                                                                  |
| Note on degree of protection | According to IEC/EN 60529                                                             |
| Enclosure material           | Polyamide                                                                             |
| Silicone-free                | Yes                                                                                   |
| Seal                         | Standard                                                                              |
| Assembly                     | 732                                                                                   |
| 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                                                                                 |
| Mounting                     | Thread type                                                                           |
| Designation plate            | 0/OFF - I/ON                                                                          |
| Lockable in                  | Not padlockable                                                                       |
| Packaging unit               | 1                                                                                     |
| Description note             | Label 0/OFF-I/ON enclosed separately.<br>Different labels must be ordered separately. |
| Weight                       | 40 g                                                                                  |
| Weight                       | 0.09 lb                                                                               |

**Mounting / Installation**

|                          |                      |
|--------------------------|----------------------|
| Mounting type            | Front panel mounting |
| Tightening torque        | 3 N · m              |
| Tightening torque lbf in | 26.55 lbf in         |

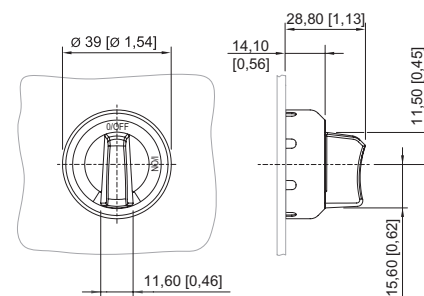
**Technical Drawings – Subject to Alterations**

**Front installation mounting with Series 8008 control switch**

**Key**

- 2 = jam nut (order no. 205592)
- 3 = installation wall (wall thickness max. 2 mm [0.0787 inch])
- 5 = 8302/3 actuator with seal (4)
- 18 = 8008/2- control switch
- 33 = front installation 8602/3 adaptor for type 8008/2
- 34 = M4 disc
- 35 = M4x screw

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



8602/3-732 rotary actuator, not lockable  
Actuator with radial actuation

## Closing part

|                                                                                  |                                                                                 |               |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|
|  | <p>8602C3-733-B</p> <p>for closing unused holes in cover, dia. 30.5 mm, NBR</p> | <p>244306</p> |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|

### Insert discs for label holder

|                                                                                    |                                                                        |        |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|
|  | One-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive   | 238271 |
|  | Two-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive   | 238272 |
|  | Three-line<br>Plain<br>Material: PVC<br>Colour: White<br>Self-adhesive | 238273 |

### Labels for small BG 732, BG 734 rotary actuator

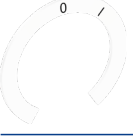
|                                                                                    |                         |        |
|------------------------------------------------------------------------------------|-------------------------|--------|
|  | Dia. 30.8<br>0/OFF I/ON | 227489 |
|  | Dia. 30.8<br>0 I        | 227490 |

# Installation equipment

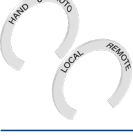
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| Labels for small BG 732, BG 734 rotary actuator                                    |                               | Art. No. |
|------------------------------------------------------------------------------------|-------------------------------|----------|
|    | Dia. 30.8<br>I 0 II           | 227491   |
|    | Dia. 30.8<br>0 I              | 227492   |
|    | Dia. 30.8<br>MANUAL 0 AUTO    | 227494   |
|    | Dia. 30.8<br>OFF ON           | 269983   |
|   | Dia. 30.8<br>AUTO 0 MANUAL ON | 269984   |
|  | Dia. 30.8<br>AUTO 0 MANUAL    | 269985   |

| Labels for small BG 732, BG 734 rotary actuator and BG 726, BG 727 axial rotary actuator |                    | Art. No. |
|------------------------------------------------------------------------------------------|--------------------|----------|
|        | Dia. 30.8<br>Plain | 227495   |

| Label set for BG732                                                                |                                                                                                                                         | Art. No. |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|
|  | The label set contains three dia. 30.8 mm labels<br>1x label with text HAND-0-AUTO<br>1x label with text LOCAL-REMOTE<br>1x label blank | 321792   |

| Label holder                                                                       |                                                                       | Art. No. |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------|
|  | Size 1, without insert disc, 1-line label<br>for actuators Ø 39       | 223566   |
|  | Size 2, without insert disc, 1- or 2-line label<br>for actuators Ø 39 | 223567   |

## Installation equipment

### Rotary actuator, small not lockable

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#### Label holder

#### Art. No.



Size 3, without insert disc, 1-, 2- or 3-line label  
for actuators Ø 39

223568

#### Special key

#### Art. No.



for tightening plastic locking nut

169101

#### Adaptor for front installation

#### Art. No.



8602/3 front installation for control switch of Series 8008

260081

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.