

8602C3-734-S-90H-E08 Art. No. 227360



- 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              | -60 °C ... +70 °C                                                                             |
| Ambient temperature              | -76 °F ... +158 °F                                                                            |

# Installation equipment

## Rotary actuator, small lockable

**STAHL****8602C3-734-S-90H-E08 Art. No. 227360****Ambient Conditions**

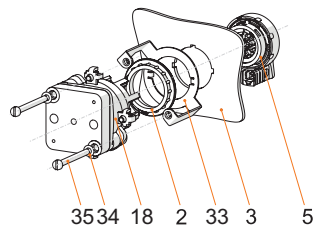
|                         |                    |
|-------------------------|--------------------|
| Storage temperature     | -60 °C ... +70 °C  |
| Storage temperature     | -76 °F ... +158 °F |
| Use at the height of    | < 2000 m           |
| Max. operating altitude | 2000 m             |
| Degree of pollution     | 3                  |

**Mechanical Data**

|                              |                                                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------------|
| Version                      | lockable                                                                                                      |
| Degree of protection (IP)    | IP66                                                                                                          |
| Note on degree of protection | According to IEC/EN 60529                                                                                     |
| Enclosure material           | Polyamide                                                                                                     |
| Silicone-free                | No                                                                                                            |
| Seal                         | Silicone                                                                                                      |
| Assembly                     | 734                                                                                                           |
| 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                  | One pos. with one lock                                                                                        |
| Packaging unit               | 1                                                                                                             |
| Description note             | 0/OFF-I/ON label provided separately. Cylinder lock not enclosed.<br>Other 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**

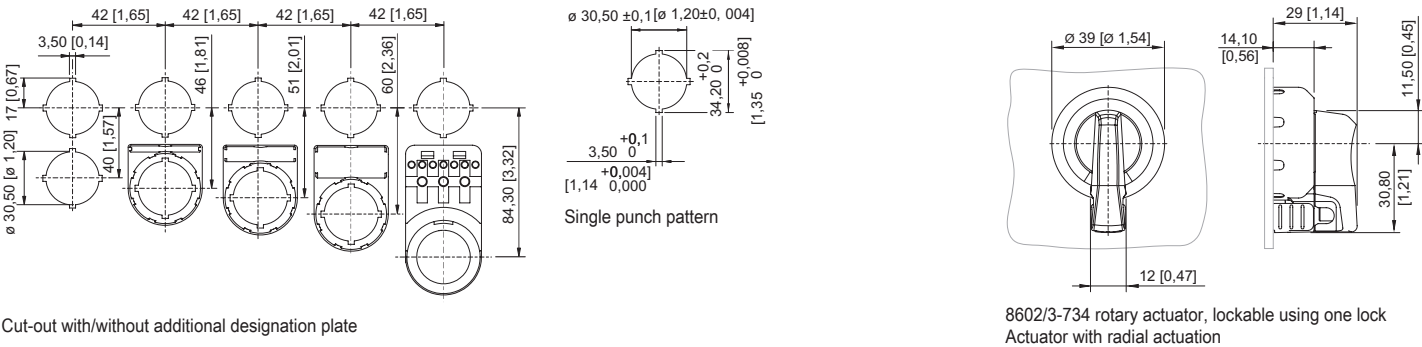
- 2 = jam nut (order no. 205592)
- 3 = installation wall (wall thickness max. 2 mm [0.0787 inch])
- 5 = 8302/3 actuator with seal (4)
- 18 = 8008/2- control switch
- 33 = front installation 8602/3 adaptor for type 8008/2
- 34 = M4 disc
- 35 = M4x screw

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



Accessories

| Cylinder lock                                                                      |                                                                           | Art. No. |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------|
|    | for closing (bracket Ø 3)                                                 | 107115   |
| Closing part                                                                       |                                                                           | Art. No. |
|  | 8602C3-733-S<br>for closing unused holes in cover, dia. 30.5 mm, silicone | 244307   |

Spare Parts

| Insert discs for label holder                                                      |                                                                        | Art. No. |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------|
|  | 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                                    |                         | Art. No. |
|------------------------------------------------------------------------------------|-------------------------|----------|
|  | Dia. 30.8<br>0/OFF I/ON | 227489   |

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

Art. No.

|  |                               |        |
|--|-------------------------------|--------|
|  | Dia. 30.8<br>0 I              | 227490 |
|  | 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 |
|--|-----------------------------------------------------------------|--------|

## Installation equipment

### Rotary actuator, small lockable

**STAHL**

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| Label holder                                                                       |                                                                        | Art. No. |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------|
|    | Size 2, without insert disc, 1- or 2-line label for actuators Ø 39     | 223567   |
|    | 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   |
| Ring nut                                                                           |                                                                        | Art. No. |
|   | for mounting the actuators                                             | 205592   |
| 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.