

## GSBF05R16-502-M (Order no. 088367)

### Series GSBF... 16 mm, mechanical

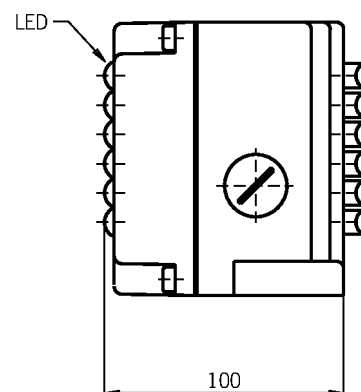
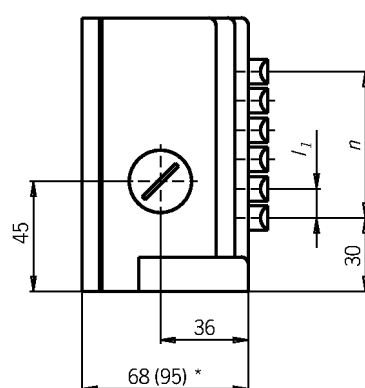
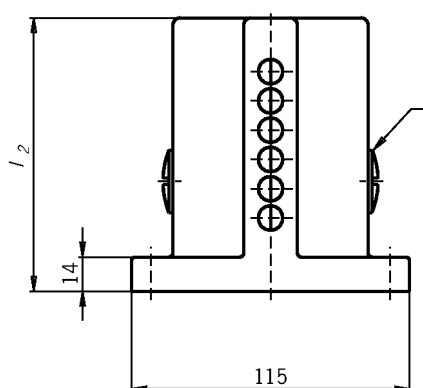
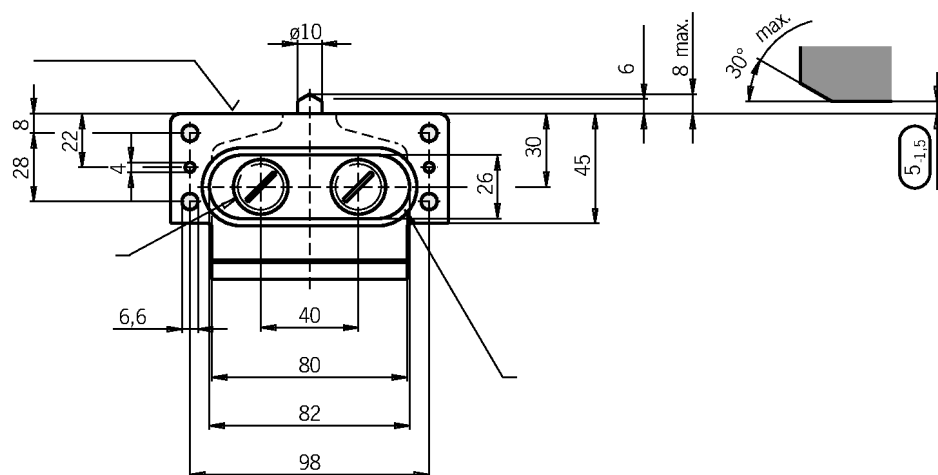
- ▶ Plunger spacing 16 mm
- ▶ Upright housing
- ▶ Degree of protection IP67 according to IEC 60529



### Switching element

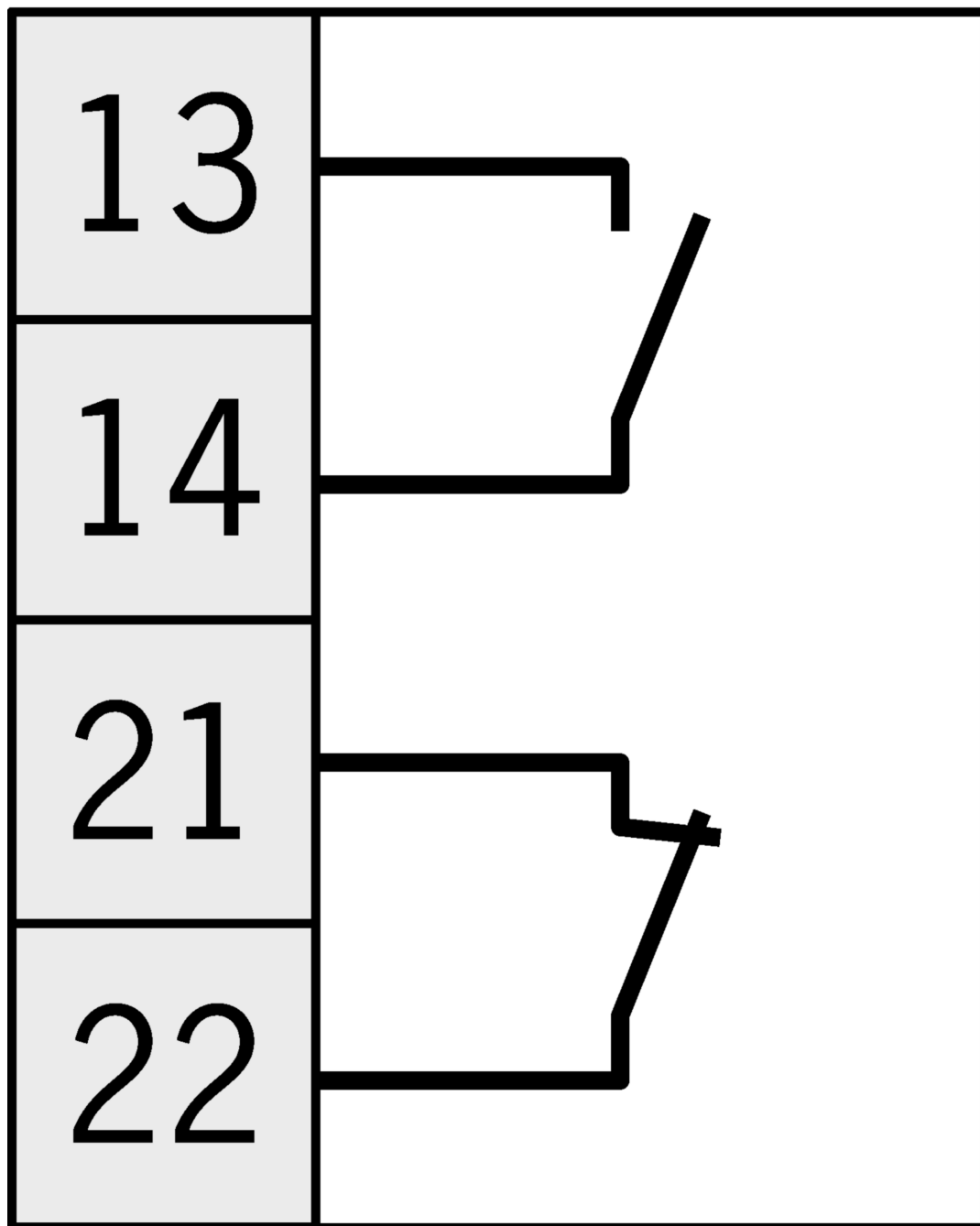
ES 502 E Snap-action switching contact 1 NC + 1 NO

### Dimensional drawings



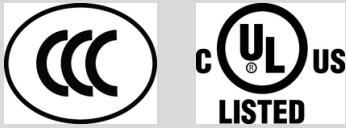
Connection examples

# ES 502 E



## Technical data

### Approvals



### Electrical connection values

|                                 |                              |
|---------------------------------|------------------------------|
| Fuse                            | max. 8 A gG                  |
| Connection cross section        | 0.34 ... 1.5 mm <sup>2</sup> |
| Rated insulation voltage $U_i$  | 250 V                        |
| Rated impulse voltage $U_{imp}$ | 2.5 kV                       |
| Utilization category            |                              |
|                                 | AC-15 6 A 230 V              |
|                                 | DC-13 6 A 24 V               |
|                                 | AC-12 8 A 250 V              |
| Switching current               |                              |
|                                 | min. at DC 12V min. 10 mA    |
| thermal rated current $I_{th}$  | 8 A                          |

### Mechanical values and environment

|                              |                                                                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anfahrgeschwindigkeit        | 0.01 ... 80 m/min                                                                                                                                                                                                     |
| Connection type              |                                                                                                                                                                                                                       |
|                              | 4 x M25 x 1.5                                                                                                                                                                                                         |
| Number NC contacts           | 5                                                                                                                                                                                                                     |
| Number of switching elements | 5                                                                                                                                                                                                                     |
| Number of NO contacts        | 5                                                                                                                                                                                                                     |
| Design                       | upright                                                                                                                                                                                                               |
| Actuating element            |                                                                                                                                                                                                                       |
|                              | Slide bearing Roller plunger                                                                                                                                                                                          |
|                              | (Operating point accuracy $\pm 0.01$ . The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 502 E has been run-in with approx. 2,000 operating cycles.) |
| Actuating force              | min. 20 N                                                                                                                                                                                                             |