

**GSBF08D12-514-M (Order no. 089068)**

## Technical data

### Approvals



### Electrical connection values

|                                 |                              |
|---------------------------------|------------------------------|
| Fuse                            | max. 6 A gG                  |
| Connection cross section        | 0.34 ... 1.5 mm <sup>2</sup> |
| Rated insulation voltage $U_i$  | 250 V                        |
| Rated impulse voltage $U_{imp}$ | 4 kV                         |
| Utilization category            |                              |
|                                 | DC-13 6 A 24 V               |
|                                 | AC-15 2.5 A 230 V            |

### Switching current

min. at DC 24V min. 5 mA

|                                |      |
|--------------------------------|------|
| thermal rated current $I_{th}$ | 10 A |
|--------------------------------|------|

### Mechanical values and environment

|                                      |                               |
|--------------------------------------|-------------------------------|
| Anfahrsgeschwindigkeit               | 0.01 ... 40 m/min             |
| Connection type                      |                               |
|                                      | 4 x M25 x 1.5                 |
| Number of switching elements         | 8                             |
| Number of NO contacts                | 8                             |
| Number of positively driven contacts | 8                             |
| Design                               | upright                       |
| Actuating element                    | Chisel plunger                |
| Actuating force                      | min. 30 N                     |
| Installation orientation             | any                           |
| Storage temperature                  | -25 ... 80 °C                 |
| Mechanical life                      | 1 x 10 <sup>6</sup>           |
| Switching principle                  | Snap-action switching contact |

|                      |                             |
|----------------------|-----------------------------|
| Degree of protection | IP67                        |
| Plunger spacing      | 12 mm                       |
| Ambient temperature  | -5 ... 80 °C                |
| Material             |                             |
| Housing              | Die-cast aluminum, anodized |
| Contact              | Silver alloy, gold flashed  |

## Characteristic values according to EN ISO 13849-1 and EN IEC 62061

|                  |                     |
|------------------|---------------------|
| B <sub>10D</sub> | 2 x 10 <sup>6</sup> |
|------------------|---------------------|