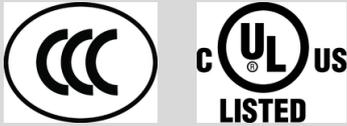


**GLBF02D16-502SFM5-MC2439 (Order no. 124656)**

## Technical data

### Approvals



### Electrical connection values

|                                 |                |
|---------------------------------|----------------|
| Fuse                            | max. 4 A gG    |
| Rated insulation voltage $U_i$  | 50 V           |
| Rated impulse voltage $U_{imp}$ | 1.5 kV         |
| Utilization category            |                |
|                                 | AC-15 4 A 30 V |
|                                 | DC-13 4 A 24 V |

|                                |                           |
|--------------------------------|---------------------------|
| Switching current              |                           |
|                                | min. at DC 12V min. 10 mA |
| thermal rated current $I_{th}$ | 4 A                       |

### Mechanical values and environment

|                              |   |
|------------------------------|---|
| Anfahrgeschwindigkeit        | 0.01 ... 40 m/min   |
| Connection type              | 1 Plug connector M12x1<br>(5-pin, not adjustable. Cable outlet for angle plug connector to the rear.) |
| Number NC contacts           | 2   |
| Number of switching elements | 2   |
| Number of NO contacts        | 2   |
| Design                       | horizontal  |
| Actuating element            | Chisel plunger  |
| Actuating force              | min. 20 N   |
| Installation orientation     | any   |
| Storage temperature          | -25 ... 80 °C   |
| Mechanical life              | 30 x 10 <sup>6</sup>  |
| Contact bounce time          | max. 3 ms   |
| Switching principle          | Snap-action switching contact   |

Operating point accuracy  $\pm 0,002$   
(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.)

Schließzeit max. 4 ms

Degree of protection IP67  
(with plug connector in the screwed tight state)

Plunger spacing 16 mm

Ambient temperature  $-5 \dots 80 \text{ }^\circ\text{C}$

Material

Contact Silver alloy, gold flashed

Housing Sand-cast aluminum, anodized

### Miscellaneous

C number

C2439