

ITEM 085969 GSBF06R12-502LE220-M

| Description | Technical data | Accessories | Downloads |
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Features

- › plunger spacing 12 mm
- › Upright housing
- › Degree of protection IP67 according to IEC 60529
- › LED function display

Switching element

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

LED function display

Function display is available for the following voltage range (see accessories)

LE220 220 V AC $\pm 15\%$

Approvals

Mechanical values and environment

| | | |
|------------------------------|---------------|------------------------------------------|
| Design | | Upright |
| Housing material | | Die-cast aluminum, anodized |
| Weight | Net | 1,1 kg |
| Ambient temperature | | -5 ... 80 °C |
| Degree of protection | | IP67 |
| Mechanical life | | 30 x 10 ⁶ |
| Contact material | | Silver alloy, gold flashed |
| Switching principle | | Snap-action switching contact [1] |
| Plunger spacing | | 12 mm |
| Installation position | | Any |
| Number of switching elements | | 6 |
| Number of NC contacts | | 6 |
| Number of NO contacts | | 6 |
| Connection | 4 x | M25 x 1.5 |
| Approach speed | max. | 0,01 ... 80 m/min |
| Actuating element | Plain bearing | Roller plunger [2] |
| Actuating force | | min.20 N |

Electrical connection ratings

| | | |
|---------------------------------------------------|----------------|------------------------------|
| Rated thermal current I _{th} | | 8 A |
| Utilization category according to EN 60947-5-1 | AC-15 | 6A 230V |
| | DC-13 | 6A 24V |
| | AC-12 | 8 A, 250 V |
| Short circuit protection according to IEC 60269-1 | (Fuse) | 8A gG |
| Rated insulation voltage U _i | | 250 V |
| Rated impulse withstand voltage U _{imp} | | 2,5 kV |
| Switching current | Min. at DC 12V | min.10 mA |
| Connection cross-section | | 0,34 ... 1,5 mm ² |
| Display module | AC | 187 ... 220 V 253 V LED |

ES 502 E



Instructions

Betriebsanleitung Präzisions-Reihengrenztaster RG, GS, GL 12/16 mm

| | Doc. no. | Version | Language | Download |
|-----------------------------------------------------------------------------|----------|----------|----------|----------|
| Betriebsanleitung Präzisions-Reihengrenztaster RG, GS, GL 12/16 mm | 032307 | 07-07/16 | | 1.4 MB |
| Mode d'emploi Boîtiers multipistes de précision RG, GS, GL 12/16 mm | | | | |
| Istruzioni di impiego Finecorsa multipli di precisione RG, GS, GL12/16 mm | | | | |
| Operating Instructions Precision Multiple Limit Switches RG, GS, GL12/16 mm | | | | |

CAD data

CAD data for this item on TraceParts