

## ITEM 098575 RGBF04B12-502-M

Description	Technical data	Accessories	Downloads
-------------	----------------	-------------	-----------



### Features

- › Plunger spacing 12 or 16 mm
- › Upright housing according to DIN 43697
- › Degree of protection IP67 according to IEC 60529
- › LED function display optional

### Switching elements

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

**ES 508** Slow-action switching contact 1 NC $\rightarrow$

**ES 514** Snap-action switching contact 1 NC $\rightarrow$  + 1 NO

On the usage of safety switching elements, the dog distance (4.0.5) must be maintained to achieve the positively driven travel. The dogs must be positively mounted according to EN 1088, i.e. riveted, welded or secured in some other way against becoming loose.

### LED function display

Function displays are available for the following voltage ranges (see accessories)

**LE024ge** 24 V DC (for ES 514)

**LE060** 12 ... 60 V AC/DC

<b>LE110</b>	110 V AC ±15%
<b>LE220</b>	220 V AC ±15%

## Approvals



## Mechanical values and environment

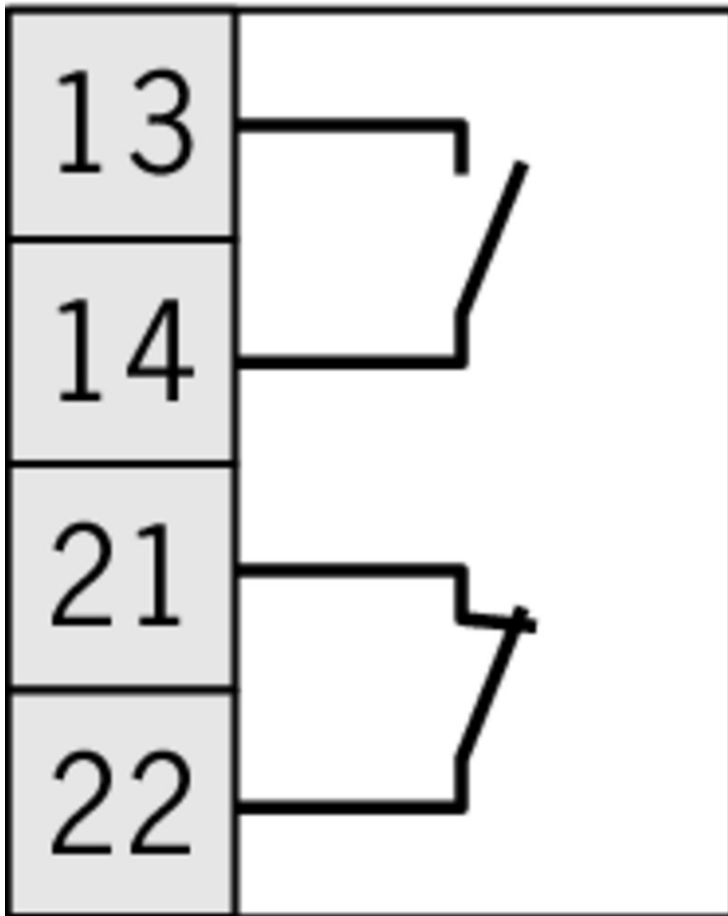
Contact bounce time	< 3ms
Contact closing time	< 4ms
Design	Upright, according to DIN 43697
Housing material	Die-cast aluminum, anodized
Weight	
	Net 1 kg
Ambient temperature	-5 ... 80 °C
Degree of protection	IP67
Mechanical life	30 x 10 <sup>6</sup>
Contact material	Silver alloy, gold flashed
Switching principle	Snap-action switching contact
Plunger spacing	12 mm
Installation position	Any
Number of switching elements	4
Number of NC contacts	4
Number of NO contacts	4
Connection	
	1 x M25 x 1.5
Approach speed	
	max. 0,01 ... 120 m/min
Actuating element	Roller plunger <sup>[1]</sup>
Roller diameter	8 mm
Actuating force	min.20 N
Operating point accuracy	± 0.01 <sup>[2]</sup>

## Electrical connection ratings

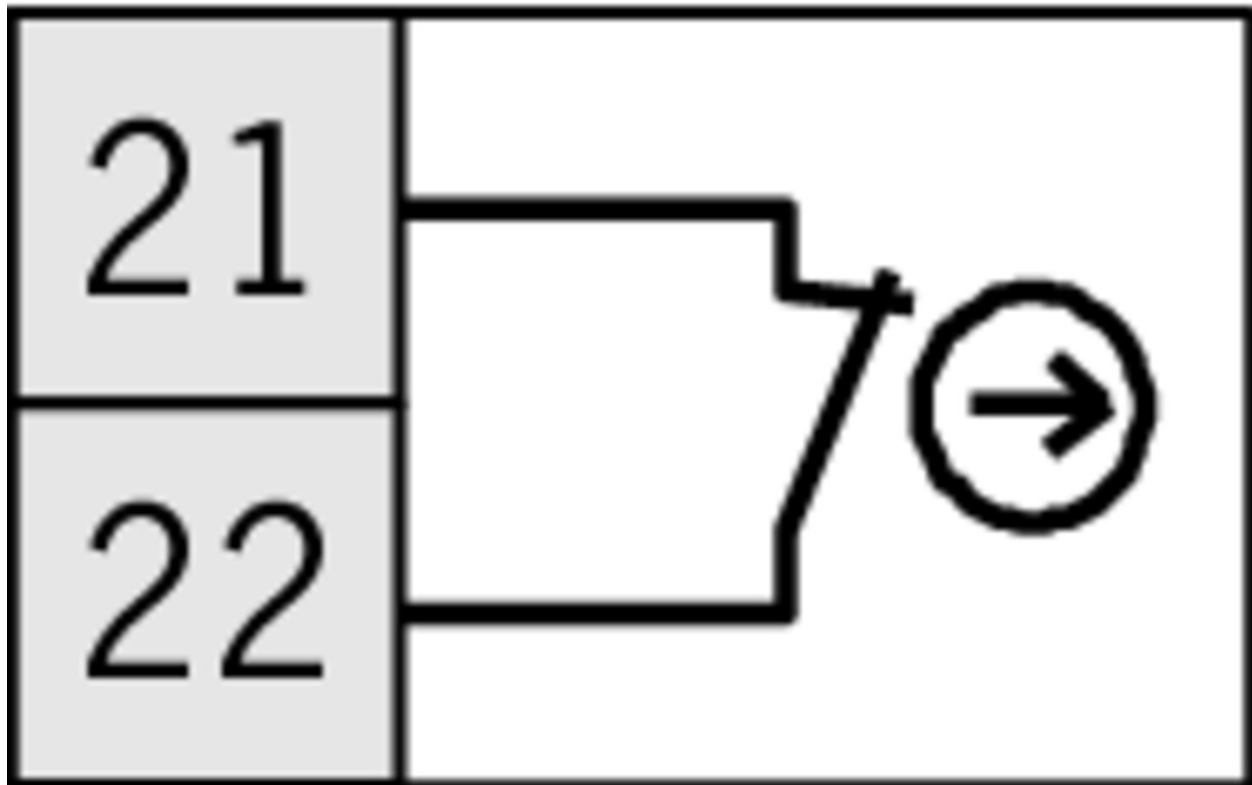
Rated thermal current I <sub>th</sub>	8 A
Utilization category according to EN 60947-5-1	
	AC-15 6A 230V
	DC-13 6A 24V
	AC-12 8 A, 250 V
Short circuit protection according to IEC 60269-1	



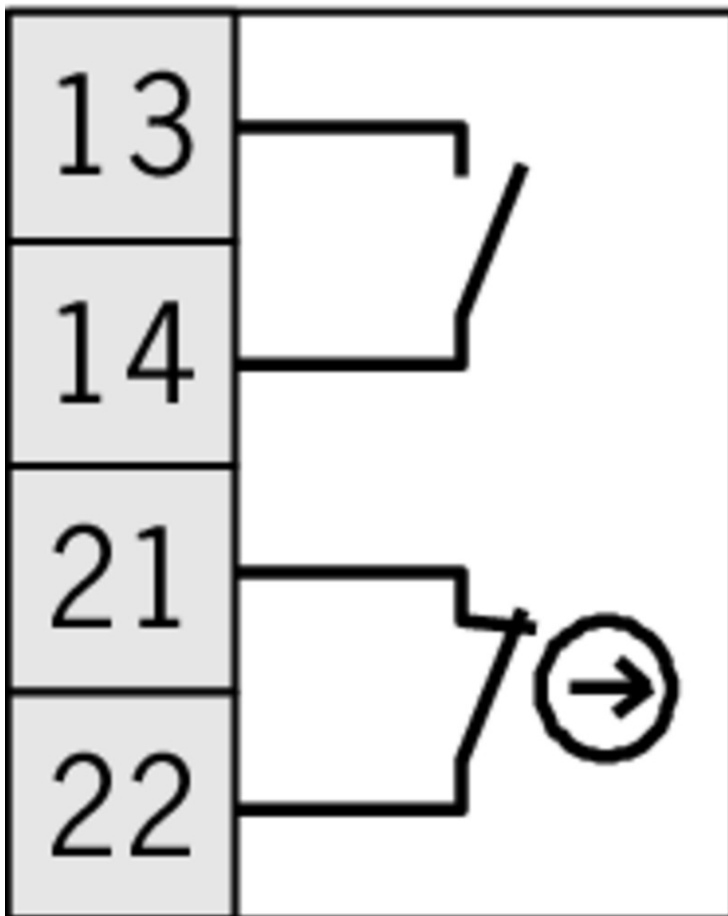
# ES 502 E



# ES 508



# ES 514



## 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