

Precision Multiple Limit Switches



RGBF



SN/SB



GSBF



RGBF...AM



SN...AM



• Acc. to DIN 43697

- upright housing
- small flange
- down to -40 °C (on request)
- down to +120 °C (on request)

• upright housing

• Acc. to DIN 43697 with exterior diaphragm

• with exterior diaphragm

2 per plunger unit

2 per plunger unit

2 per plunger unit

2 per plunger unit

2 per plunger unit

10A

10A

10A

10A

10A

10mA

10mA

10mA

10mA

10mA

230V

230V

230V

230V

230V

30x10<sup>6</sup>

30x10<sup>6</sup>

30x10<sup>6</sup>

30x10<sup>6</sup>

30x10<sup>6</sup>

± 0.002

± 0.002

± 0.002

± 0.002

± 0.002

die-cast aluminum, anodized

die-cast aluminum, anodized

die-cast aluminum, anodized

die-cast aluminum, anodized

die-cast aluminum, anodized

depending on the number of plungers

depending on the number of plungers

depending on the number of plungers

depending on the number of plungers

depending on the number of plungers

12/16

8/12/16

8/12/16

12

12

2 to 16

2 to 6

2 to 10

2 to 8

2 to 6

-5 to +80 °C

-5 to +80 °C

-5 to +80 °C

-5 to +80 °C

-5 to +80 °C

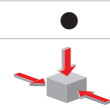
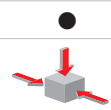
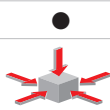
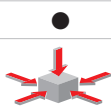
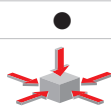
IP67

IP67

IP67

IP67

IP67



120 m/min

120 m/min

120 m/min

50 m/min

50 m/min

M25x1.5

M20x1.5

M25x1.5

M25x1.5

M25x1.5

-

-

-

-

-

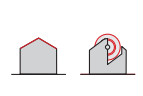
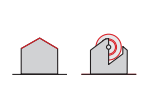
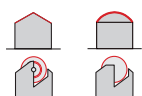
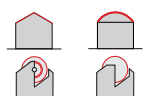
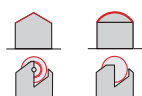
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# Automation at a glance

## Inductive

### Precision Multiple Limit Switches



RGBF



SN

Approvals



Special features/  
specific advantages

- Acc. to DIN 43697

- upright housing
- small flange

Switching element

Assured operating distance

0 to 4 mm

0 to 4 mm

Switching function

NO + NC

NO + NC

Output

PNP

PNP

Operating voltage DC/AC

10 to 55V

10 to 55V

Rated operating current

250 mA

250 mA

Environment

Housing material

die-cast aluminum,  
anodized

die-cast aluminum,  
anodized

Housing dimensions, min.  
(HxWxD)

depending on the number  
of proximity switches

depending on the number  
of proximity switches

Proximity switch spacing

12/16

12/16

Number of proximity switches

2 to 16

2 to 6

Ambient temperature

-25 to +70 °C

-25 to +70 °C

Degree of protection,  
max. acc. to IEC 60529

IP67

IP67

LED indicator

integrated as standard

integrated as standard

Approach/actuating direction



Connection

Cable entry

M25x1.5

M20x1.5

Connection cable  
(pre-assembled)

-

-

Plug connectors

-

-

● available    ○ available on request    - not available

All given data refer to the respective minimum or maximum values for the entire series.