

# Magnetic actuator

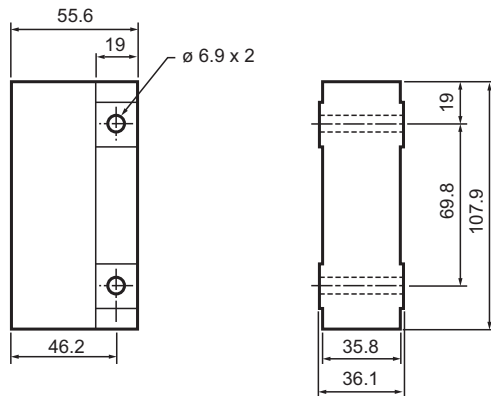
## 21FR1-B

- Magnet Actuator
- Compatible with 20FR...6B Series

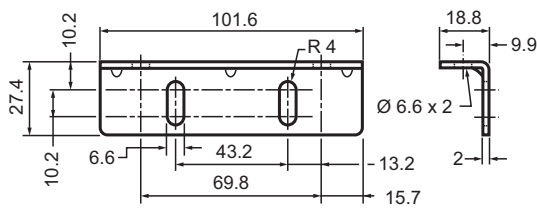


### Dimensions

21FR



Mounting bracket (included)



### Technical Data

#### Nominal ratings

Switching state indicator NO contact

#### Approvals and certificates

UL approval cULus Listed, General Purpose

#### Ambient conditions

Ambient temperature -25 ... 85 °C (-13 ... 185 °F)

#### Mechanical specifications

Release date: 2023-12-18 Date of issue: 2023-12-18 Filename: 450016\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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**Technical Data**

Housing material	Aluminum
Sensing face	Aluminum

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## Application

### Temperature Effects

Temperature must be taken into consideration when using magnetically operated switches. The sensing ranges given on the following pages are for head-on operations at room temperature (75° F). Sub-zero temperatures can cause permanently reduced sensitivity. Use the following table as a guide for potential sensitivity loss.

Model	Maximum possible sensitivity loss
20FR1-6B	2.03 mm
20FR3-6B	1.52 mm
20FR4-6B	1.52 mm
20FR5-6B	4.95 mm