

Magnetic actuator

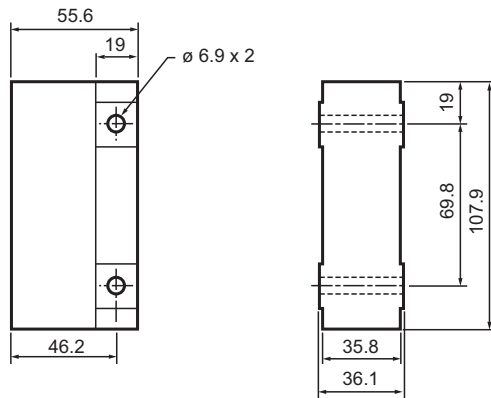
21FR1-B

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

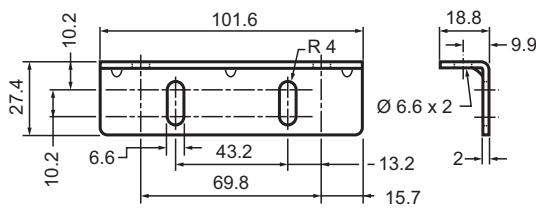


Dimensions

21FR



Mounting bracket (included)



Technical Data

Nominal ratings

Switching state indicator NO contact

Approvals and certificates

UL approval
 cULus Listed
 Load Type: General Purpose
 Circuitry: Class 2 Power Source
 Enclosure Type Rating: Type 1
 Supply/Switching Voltage: 30 V DC
 Output Switching Current: 200 mA

Release date: 2025-07-02 Date of issue: 2025-07-02 Filename: 450016_eng.pdf

Technical Data**Ambient conditions**

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

Housing material	Aluminum
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Sensing face	Aluminum
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Dimensions

Width	107.9 mm
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Length	55.6 mm
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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