



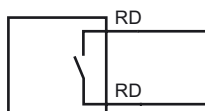
Model Number

20FR1-6B

Features

- Magnetically actuated reed switch
- Hermetically sealed contacts
- Heavy duty Aluminum housings

Connection

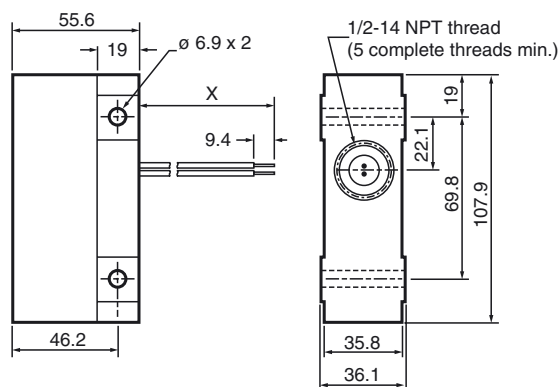


Accessories

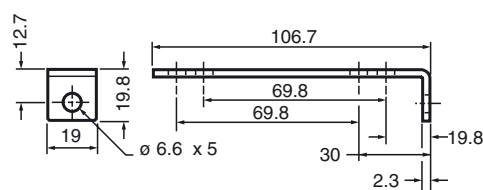
21FR1-B
Magnetic actuator

Dimensions

20FR



Mounting bracket (included)



Technical Data

General specifications

Switching element function	Reed Contact Normally Open
Rated operating distance	s_n 61 mm
Installation	not embeddable
Output polarity	Relay output
Mechanical life	1×10^7 switching cycles

Nominal ratings

Operating voltage	U_B 250 V DC, 1.0 A max, 15 W
Hysteresis	H 15.2 mm
Release point	≤ 76 mm

Ambient conditions

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

Connection type	cable PVC, 1.83 m
Core cross-section	16 AWG
Housing material	aluminium
Sensing face	aluminium
Protection degree	IP68
Material	
Activation target	21FR1-B



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

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