

DB ELECTRO

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PIC

KONTAKTBAUELEMENTE

PROXIMITY INSTRUMENTATION CONTROLS



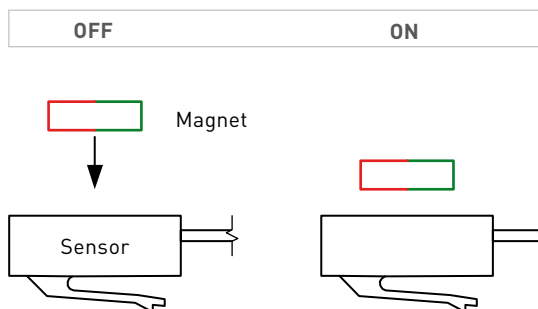
Reed Sensor Basics



How does a Reed Sensor work?

A Reed Sensor incorporates a Reed Switch inside a metal or plastic housing for better mechanical protection and easier mounting.

Actuation principles for Reed Switches also apply to Reed Sensors.



Benefits

- > Mechanically protected
- > Wide range of housing types available
- > No power supply required
- > Not ESD sensitive
- > Non-touch actuation permits smooth surfaces and modern design
- > Various sensitivity ranges available

We supply Reed Sensors to any requirement: for snap-fit or screw mounting, with special cable and connector etc.

Applications



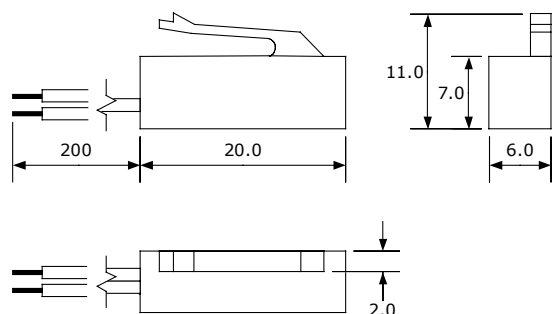
Snap-fit

NEW!

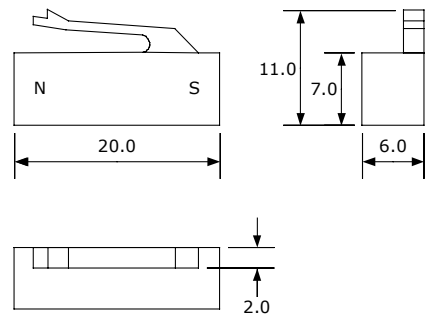


- ### Features
- > Easily mountable and removable as no tools or screws required
 - > Small size
 - > Various sensitivity ranges available
 - > Customized types available

		MS-320
Contact form		A
Contact rating max.	W / VA	10
Switching current max.	A	0.7
Switching voltage max.	VDC	180
	VAC	130
Pull in range available	AT	10-25
Operating temperature	°C	-20 to +85
UL / CSA / RoHS		• / • / •
Housing material		PA66-GF
Cable type		AWG 22



		Actuator MSM-320
Remanence Br	mT	1190
Coercivity HcJ	kA/m	1274
Energy product (BH) max.	kJ/m³	275
Magnetic moment M	$\times 10^{-5}$ Vs cm	2.4
Operating temperature	°C	-20 to +85
UL / CSA / RoHS		-- / -- / •
Housing material		PA66-GF



Nominal values unless otherwise specified.