

## MS-228-3






## MS-228-3

Reed Sensor M8 thread

Electrical Characteristics		@ 25 °
Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	200
	VAC	140
Switching current max.	A	1
Carry current max.	A	1.2
Breakdown voltage min.	VDC	240
Total resistance max. (initial)	mΩ	200
Insulation resistance min.	Ω	10 <sup>10</sup>

Features
> Adjustable switching point
> Various sensitivity ranges available
> Customized types available
> typ. Load resistive

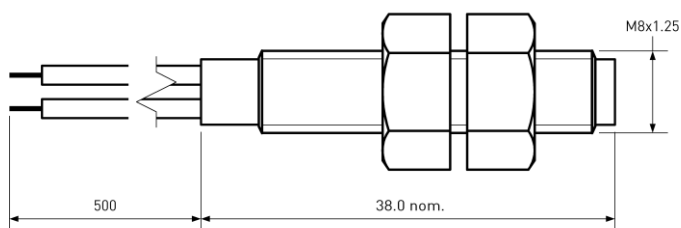
Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °
Pull in range available	AT	10 - 25
Drop out min.	AT	4
Test coil	TC	014
Test equipment tolerance	± AT	2

Approvals



<a href="#">Contact PIC for Agency Ratings!</a>

Operating Characteristics (of unmodified Reed Switch)		@ 25 °
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	4000
Operate time max. (incl. bounce)	ms	1
Release time max.	ms	0.4

Environmental Characteristics	
Operating temperature	°C -20 to +85
Vibration (50-2000 Hz)	g 20
Shock (1/2 sin 11 ms)	g 100

### Dimensions in mm



Ordering Information	
Packing Unit	50 pcs
Weight per piece	6.3 g
Weight per package	330 g
Standard AT Ranges	
	1 = 10 to 15 AT
	2 = 15 to 20 AT
	3 = 20 to 25 AT

**Ordering Example**  
MS-228-3-2 describes MS-228-3 with 15 to 20 AT.

MS-228-3



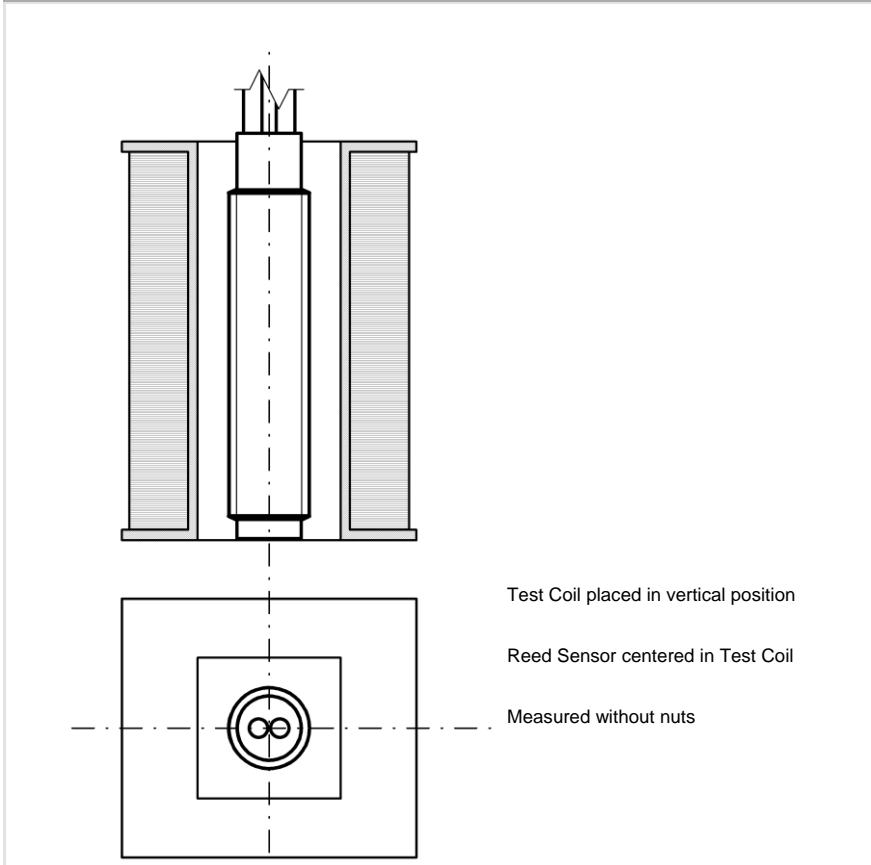
**MS-228-3**

Reed Sensor M8 thread

Material Information

	Material	Colour
Housing	PA6, 30%GF, with M8 thread	black
Cable	UL 1007/1569, AWG 24, 4 mm stripped and tinned	black
Potting compound	Epoxy	black
Nuts	PA6, M8, 2 pcs separately packed	black

Test Procedure of final Reed Sensor



Test Parameters

Test coil	TC-324
Test programs	
AT range	Test program
1 =	MS-228-3-1
2 =	MS-228-3-2
3 =	MS-228-3-3

Remarks

When mounted onto ferromagnetic parts switching distance of MS-228-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Matching actuator MSM-228 available as well.