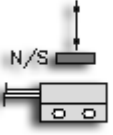


KMS-328 Flat pack Magnet Sensor

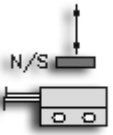
Actuation Distances

Operate and release distances for the KMS-328 miniature Flat pack sensor in three AT bands when actuated (as shown in the sketches) with NdFeB standard magnets is shown below. All distances given are in mm with tolerances of ± 0.5 mm. Although some of the AT band / magnet combinations will produce similar actuating distances, selecting the right AT band and magnet for an application is important and can be done by going through our AT band FAQ and our magnet selection guide.

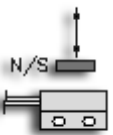
KMS-328-1 (10-15 AT)

Actuation Sketch	Magnet	Dimensions	Operate Distance	Release Distance
	NDR-T	4.0 x 1.5 x 1.5	0.5 - 2.5	2.0 - 4.0
	NDC-T	Ø2.0 x 4.0	2.0 - 4.0	3.0 - 5.5
	NDR-S	6.0 x 2.5 x 2.5	7.0 - 9.0	9.0 - 11.0
	NDC-S	Ø3.0 x 7.0	8.0 - 11.5	11.5 - 13.5
	NDR-M	8.0 x 3.0 x 3.0	11.0 - 15.0	14.0 - 17.5
	NDC-M	Ø4.0 x 10.0	13.0 - 17.5	17.0 - 20.0
	NDR-L	19.0 x 4.0 x 4.0	21.0 - 27.0	27.0 - 31.0
	NDC-L	Ø8.0 x 15.0	32.0 - 39.0	40.0 - 46.0

KMS-328-2 (15-20 AT)

Actuation Sketch	Magnet	Dimensions	Operate Distance	Release Distance
	NDR-T	4.0 x 1.5 x 1.5	0.0 - 0.5	1.0 - 1.5
	NDC-T	Ø2.0 x 4.0	0.5 - 2.5	2.5 - 4.0
	NDR-S	6.0 x 2.5 x 2.5	5.0 - 7.5	7.5 - 9.0
	NDC-S	Ø3.0 x 7.0	7.0 - 9.5	11.0 - 12.0
	NDR-M	8.0 x 3.0 x 3.0	9.5 - 12.0	13.0 - 14.5
	NDC-M	Ø4.0 x 10.0	11.0 - 14.0	15.0 - 17.0
	NDR-L	19.0 x 4.0 x 4.0	18.0 - 22.5	24.0 - 27.0
	NDC-L	Ø8.0 x 15.0	29.0 - 34.0	36.0 - 40.0

KMS-328-3 (20-25 AT)

Actuation Sketch	Magnet	Dimensions	Operate Distance	Release Distance
	NDR-T	4.0 x 1.5 x 1.5	N/A	N/A
	NDC-T	Ø2.0 x 4.0	N/A	N/A
	NDR-S	6.0 x 2.5 x 2.5	4.0 - 5.5	7.0 - 8.5
	NDC-S	Ø3.0 x 7.0	6.0 - 7.5	10.0 - 11.0
	NDR-M	8.0 x 3.0 x 3.0	8.0 - 9.5	12.0 - 13.5
	NDC-M	Ø4.0 x 10.0	9.5 - 12.0	14.5 - 16.0
	NDR-L	19.0 x 4.0 x 4.0	16.0 - 18.0	23.0 - 25.0
	NDC-L	Ø8.0 x 15.0	26.0 - 29.0	36.0 - 38.0

Due to continual improvement, specifications are subject to change without notice

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