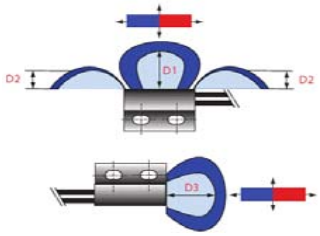

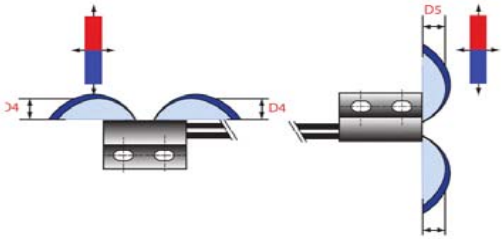

Recommended Magnets for MEDER Proximity Sensors

MEDER PN	Mouser PN	Associated PN 1	Associated PN 2	Associated PN 3	Associated PN 4	Associated PN 5	Associated PN 6	Magnetic Sensitivity	Position and Movement max. Pull-in Distance in mm					Position and Movement min. Drop-out in mm				
		Permanent Magnet Round Bar; AlNiCo500; 4.0x19.0mm	Magnet M02 in Sealed Panel Screw Mount Housing, L 32.4mm x W 16.7mm x H 10mm	Magnet M04 in Sealed Panel Screw Mount Housing L23mmxW13.9mmxH 5.9mm	Magnet M05 in Sealed Panel Screw Mount Housing L23mmxW19.4mmxH 5.9mm	Magnet M13 in Sealed Panel Screw Mount Housing L23mmxW13.9mmxH 5.9mm	Magnet M21 in Sealed Panel Screw Mount Housing L29.6mmxW19mmxH 6.35mm	mT	D1	D2	D3	D4	D5	D1	D2	D3	D4	D5
MK03-1A66B-500W	876-MK3-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	6.5	9.3	8.5	8.5	17.5	8.0	11.4	10.1	10.1
MK03-1A66C-500W	876-MK3-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	4.4	7.4	7.2	7.2	16.5	6.5	9.9	9.5	9.5
MK03-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	11.0	4.0	5.7	6.5	6.5	14.5	5.5	8.5	9.0	9.0
MK03-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	10.0	3.5	4.5	5.7	5.7	13.5	5.0	8.0	8.5	8.5
MK04-1A66B-500W	876-MK4-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	6.5	9.3	8.5	8.5	17.5	8.0	11.4	10.1	10.1
MK04-1A66C-500W	876-MK4-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	4.4	7.4	7.2	7.2	16.5	6.5	9.9	9.5	9.5
MK04-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	11.0	4.0	5.7	6.5	6.5	14.5	5.5	8.5	9.0	9.0
MK04-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	10.0	3.5	4.5	5.7	5.7	13.5	5.0	8.0	8.5	8.5
MK05-1A66B-500W	876-MK5-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	6.5	9.3	8.5	8.5	17.5	8.0	11.4	10.1	10.1
MK05-1A66C-500W	876-MK5-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	4.4	7.4	7.2	7.2	16.5	6.5	9.9	9.5	9.5
MK05-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	11.0	4.0	5.7	6.5	6.5	14.5	5.5	8.5	9.0	9.0
MK05-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	10.0	3.5	4.5	5.7	5.7	13.5	5.0	8.0	8.5	8.5
MK06-4-A		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	< 1,70	18.0	8.5	15.0	12.0	13.5	19.0	9.5	16.0	13.5	15.0
MK06-4-B	876-MK6-4-B	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	16.0	7.5	12.5	10.5	11.0	17.0	8.0	13.5	11.5	12.0
MK06-4-C	876-MK6-4-C	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	14.0	7.0	10.5	9.5	9.5	16.0	7.5	13.0	11.0	12.0
MK06-4-D		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	13.0	6.5	10.0	9.0	9.0	15.0	7.0	11.5	10.0	10.5
MK06-4-E		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	12.0	5.5	8.5	8.0	8.0	13.0	6.0	9.5	9.0	9.0
MK12-1A66B-500W	876-MK12-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	18.0	8.0	14.0	13.0	11.5	20.5	10.0	17.0	14.5	13.0
MK12-1A66C-500W	876-MK12-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	16.0	6.0	11.5	9.5	8.5	18.0	8.5	15.0	12.5	11.5
MK12-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	14.0	5.0	7.5	7.5	5.5	17.0	6.5	11.5	11.5	9.5
MK12-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	13.0	4.0	5.5	7.0	3.5	16.0	6.0	11.0	11.0	8.5
MK11/M8-1A66B-500W	876-MK11/M8-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	6.5	9.3	8.5	8.5	17.5	8.0	11.4	10.1	10.1
MK11/M8-1A66C-500W	876-MK11/M8-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	4.4	7.4	7.2	7.2	16.5	6.5	9.9	9.5	9.5
MK11/M8-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	11.0	4.0	5.7	6.5	6.5	14.5	5.5	8.5	9.0	9.0
MK11/M8-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	10.0	3.5	4.5	5.7	5.7	13.5	5.0	8.0	8.5	8.5
MK13-1A66B-500W	876-MK13-1A66B-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	6.5	9.3	8.5	8.5	17.5	8.0	11.4	10.1	10.1
MK13-1A66C-500W	876-MK13-1A66C-500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	4.4	7.4	7.2	7.2	16.5	6.5	9.9	9.5	9.5
MK13-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	11.0	4.0	5.7	6.5	6.5	14.5	5.5	8.5	9.0	9.0
MK13-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	10.0	3.5	4.5	5.7	5.7	13.5	5.0	8.0	8.5	8.5
MK14-1A66B-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	7.0	11.0	10.0	8.0	16.0	8.0	12.0	12.0	9.0
MK14-1A66B-200W	876-MK14-1A66B-200W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	7.0	11.0	10.0	8.0	16.0	8.0	12.0	12.0	9.0
MK14-1A66C-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	11.0	5.0	8.0	9.0	6.0	13.0	6.5	10.0	11.0	7.5
MK14-1A66C-200W	876-MK14-1A66C-200W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	11.0	5.0	8.0	9.0	6.0	13.0	6.5	10.0	11.0	7.5
MK14-1A66D-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	10.0	4.0	6.0	6.0	4.5	12.0	5.0	8.0	8.0	6.5
MK14-1A66E-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	9.0	3.0	4.0	4.0	2.5	11.0	4.5	7.0	6.0	5.0
MK15-B-2	876-MK15-B-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	14.0	6.5	7.0	9.0	7.0	16.0	8.0	9.0	9.5	8.0
MK15-C-2	876-MK15-C-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	6.0	6.5	8.5	6.5	15.0	7.5	8.5	9.0	7.5
MK15-D-3		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	12.0	5.5	6.0	7.5	5.5	14.0	7.0	8.0	8.5	7.0
MK15-E-3		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	11.0	5.0	4.5	7.0	3.5	13.0	6.0	7.0	8.0	6.0
MK16-B-2	876-MK16-B-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	7.0	11.0	10.0	9.5	16.0	8.0	12.0	11.0	11.0
MK16-C-2	876-MK16-C-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	13.0	6.0	8.0	8.0	8.0	14.5	7.0	10.0	10.0	9.5
MK16-D-2	876-MK16-D-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	12.0	5.5	7.0	7.5	7.0	14.0	6.5	9.0	9.5	9.0
MK16-E-2	876-MK16-E-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	11.0	5.0	6.0	7.0	5.5	13.5	6.0	9.5	9.0	8.5
MK17-B-2	876-MK17-B-2	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	15.0	7.5	12.5	10.0	11.0	16.0	8.0	13.5	11.0	12.0
MK17-C-2		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	14.5	7.0	10.0	9.0	9.5	15.5	7.5	11.5	10.0	10.5
MK17-D-2		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	12.5	6.0	9.5	8.0	8.0	14.0	7.0	11.0	9.5	9.5
MK17-E-2		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	12.0	5.5	8.5	7.5	7.5	13.5	6.5	10.5	8.5	9.0
MK18-B-300W	876-MK18-B-300W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	16.5	8.0	14.5	10.0	12.0	18.5	9.5	16.5	10.5	14.0
MK18-B-100W	876-MK18-B-100W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	16.5	8.0	14.5	10.0	12.0	18.5	9.5	16.5	10.5	14.0
MK18-C-300W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	14.0	7.0	11.0	9.0	9.5	15.5	8.0	12.5	10.0	11.0
MK18-C-100W	876-MK18-C-100W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	14.0	7.0	11.0	9.0	9.5	15.5	8.0	12.5	10.0	11.0
MK18-D-300W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	12.0	5.5	9.0	8.0	7.5	14.0	7.5	11.0	9.5	10.0
MK18-E-300W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	11.0	5.0	7.0	7.0	6.0	13.5	7.0	10.5	9.0	9.5
MK20/1-B-100W	876-MK20/1-B-100W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	11.0	5.5	9.0	6.5	7.5	11.5	6.0	10.0	7.0	8.0
MK20/1-C-100W	876-MK20/1-C-100W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	10.5	5.0	8.0	6.0	7.0	11.0	5.5	9.0	6.5	7.5
MK20/1-D-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	10.0	4.5	7.0	5.5	6.5	10.5	5.0	8.0	6.0	7.0
MK20/1-E-100W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	9.5	4.0	6.0	5.0	6.0	10.0	4.5	7.0	5.5	6.5
MK21M-1A66B-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 1,70	13.0	5.5	4.5	8.0	3.0	14.0	6.5	5.5	9.0	4.0
MK21M-1A66C-500W	876-MK21M1A66C500W	4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,30	11.0	4.0	2.5	6.5	1.5	13.0	6.0	4.5	8.5	3.5
MK21M-1A66D-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 2,70	9.5	3.5	1.0	5.0	1.0	11.5	5.0	2.5	7.0	2.0
MK21M-1A66E-500W		4003004003	2500000002	2500000004	2500000005	2500000013	2500000021	> 3,10	8.0	2.5	x	4.0	x	10.0	3.5	x	6.0	x