

Proximity Sensor Triggering Test Record

1. Proximity Sensor Triggering Distances (per KDB 616217 D04 §6.2)

Orientation 1	Test #1	<A> From 30 mm, move toward phantom in 3 mm steps, until sensor trigger.																														
Back Surface		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Smallest Distance		 Move back by 5 mm, then move toward phantom in 1 mm steps, until touch phantom.																														
26		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Conservative Distance		<C> From 0 mm, move away phantom in 3 mm steps, until sensor release.																														
25		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		0			0			0			0			0			0			0			0			0			X			
	<D> Move back by 5 mm, then move away phantom in 1 mm steps, until at least 10 mm beyond triggering point.																															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
																						0	0	0	0	0	0	X				
Orientation 2	Test #1	<A> From 30 mm, move toward phantom in 3 mm steps, until sensor trigger.																														
Left Side		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Smallest Distance		 Move back by 5 mm, then move toward phantom in 1 mm steps, until touch phantom.																														
21		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Conservative Distance		<C> From 0 mm, move away phantom in 3 mm steps, until sensor release.																														
20		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		0			0			0			0			0			0			0			0			X						
	<D> Move back by 5 mm, then move away phantom in 1 mm steps, until at least 10 mm beyond triggering point.																															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
																				0	0	0	X									
Orientation 3	Test #1	<A> From 30 mm, move toward phantom in 3 mm steps, until sensor trigger.																														
Top Side		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Smallest Distance		 Move back by 5 mm, then move toward phantom in 1 mm steps, until touch phantom.																														
18		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Conservative Distance		<C> From 0 mm, move away phantom in 3 mm steps, until sensor release.																														
17		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		0			0			0			0			0			0			0			0			0			0			X
	<D> Move back by 5 mm, then move away phantom in 1 mm steps, until at least 10 mm beyond triggering point.																															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
																										0	X					