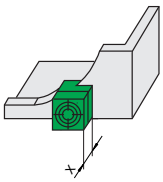
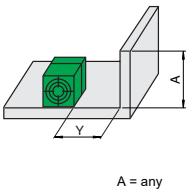
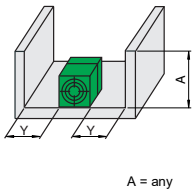
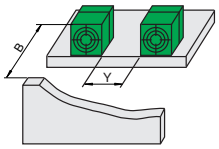
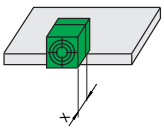
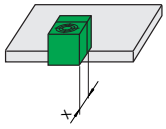
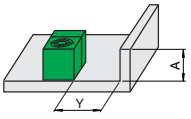
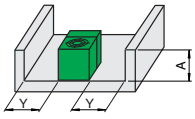
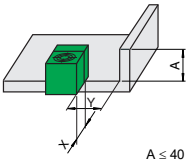
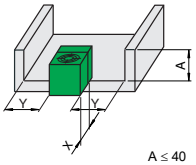
Cuboid proximity switches (Varikont L)

(active surface facing forward)

Type	Installation		 A = any	 A = any				
	Dimensions [mm]	X	Y	Y	B	Y	X	
NBB20-L2...	flush	≥ 0	≥ 0	≥ 0	≥ 60	≥ 80	≥ 0	
NBB30-L2K...	flush	≥ 1,2	≥ 0	≥ 0	≥ 90	≥ 220	≥ 4	
NBN30-L2...	not flush	≥ 20	-	-	≥ 90	≥ 160	≥ 10	
NBN40-L2...	not flush	40	-	-	≥ 120	≥ 160	≥ 20	
NRB20-L3...	flush	≥ 0	≥ 0	≥ 0	≥ 60	≥ 90	≥ 0	
NRN35-L3...	not flush	≥ 35	-	-	≥ 105	≥ 200	≥ 15	
NRN40-L3K...	not flush	40	-	-	≥ 120	≥ 300	≥ 20	
NBN50-L2K...	not flush	≥ 40	-	-	≥ 150	≥ 300	≥ 28	

(active surface facing up)

Type	Installation		 A ≤ 40	 A ≤ 40	 A ≤ 40		 A ≤ 40	
	Dimensions [mm]	X	Y	Y	X	Y	X	Y
NBB20-L2...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NBB30-L2K...	flush	arbitrary	≥ 0	≥ 0	arbitrary	≥ 0	arbitrary	≥ 0
NBN30-L2...	not flush	≥ 0	≥ 15	≥ 20	≥ 30 ≥ 40	≥ 5 ≥ 0	≥ 30 ≥ 40	≥ 10 ≥ 0
NBN40-L2...	not flush	≥ 0	≥ 28	≥ 35	≥ 0	≥ 28	≥ 0	≥ 35
NRB20-L3...	bündig	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NRN35-L3...	not flush	≥ 0	≥ 30	≥ 35	≥ 30 ≥ 40	≥ 20 ≥ 10	≥ 30 ≥ 40	≥ 30 ≥ 20
NRN40-L3K...	not flush	≥ 0	≥ 45	≥ 45	≥ 30 ≥ 40	≥ 20 ≥ 10	≥ 30 ≥ 40	≥ 30 ≥ 20
NBN50-L2K...	not flush	≥ 0	≥ 30	≥ 40	≥ 30 ≥ 40	≥ 25 ≥ 15	≥ 30 ≥ 40	≥ 30 ≥ 25

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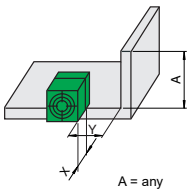
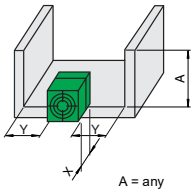
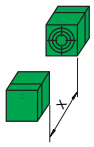
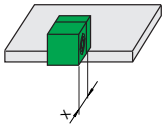
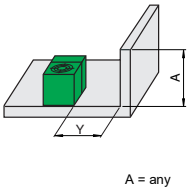
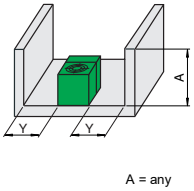
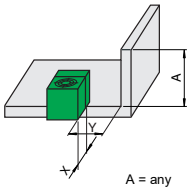
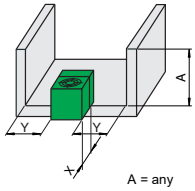
(active surface facing forward, continuation)

 A = any		 A = any		
X	**Y**	**X**	**Y**	**X**
≥ 0	≥ 0	≥ 0	≥ 0	≥ 70
≥ 0	≥ 0	≥ 0	≥ 0	≥ 300
≥ 15	≥ 10	≥ 15	≥ 25	≥ 140
≥ 20	≥ 0	≥ 20	≥ 15	
≥ 30	≥ 10	≥ 30	≥ 15	≥ 300
≥ 40	≥ 0	≥ 40	≥ 0	
≥ 0	≥ 0	≥ 0	≥ 0	≥ 130
≥ 20	≥ 10	≥ 25	≥ 15	≥ 250
≥ 30	≥ 0	≥ 30	≥ 0	
≥ 25	≥ 15	≥ 25	≥ 25	≥ 300
≥ 40	≥ 0	≥ 40	≥ 0	
≥ 30	≥ 40	≥ 30	≥ 60	≥ 400
≥ 35	≥ 0	≥ 35	≥ 30	

(active surface to the side)

	**Type**
X	
≥ 0	**NBB20-L2...**
>36	**NBB30-L2K...**
-	**NBN30-L2...**
-	**NBN40-L2...**
≥ 0	**NRB20-L3...**
-	**NRN35-L3...**
-	**NRN40-L3K...**
-	**NBN50-L2K...**

(active surface facing up, continuation)

 A = any	 A = any	 A = any		 A = any		**Type**
Y	**Y**	**X**	**Y**	**X**	**Y**	
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10	**NBB20-L2...**
≥ 13	≥ 20	0	≥ 13	0	≥ 20	**NBB30-L2K...**
≥ 20	≥ 25	≥ 30	≥ 10	≥ 30	≥ 15	**NBN30-L2...**
		≥ 40	≥ 0	≥ 40	≥ 5	
≥ 36	≥ 42	≥ 0	≥ 36	≥ 0	≥ 42	**NBN40-L2...**
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10	**NRB20-L3...**
≥ 35	≥ 40	≥ 30	≥ 20	≥ 30	≥ 30	**NRN35-L3...**
		≥ 40	≥ 10	≥ 40	≥ 20	
≥ 45	≥ 50	≥ 30	≥ 20	≥ 30	≥ 30	**NRN40-L3K...**
		≥ 40	≥ 10	≥ 40	≥ 20	
≥ 40	≥ 45	≥ 30	≥ 35	≥ 30	≥ 40	**NRN50-L2K...**
		≥ 40	≥ 35	≥ 40	≥ 40	

Mutual interference

To prevent the mutual interference between two similar sensors the minimum distances specified in these tables must be kept. For applications where these distances cannot be maintained proximity switches with offset frequencies are available upon request. These can then be installed directly adjacent.

Please talk to our product specialist.

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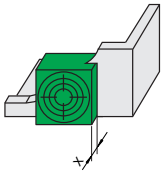
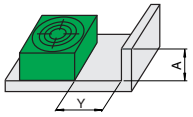
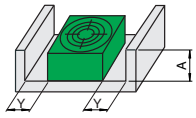
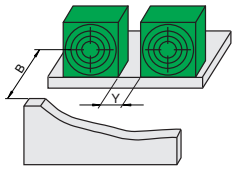
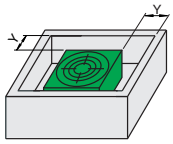
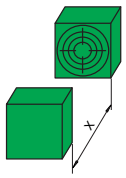
Flat Pack switches (FP)

Type	Installation		 A £ 40	 A £ 40				
	Dimensions [mm]	X	Y	Y	B	Y	Y	
NCB40-FP...	flush	≥ 0	≥ 0	≥ 0	120	≥ 225	≥ 0	
NCN50-FP...	not flush	≥ 25	≥ 20	≥ 30	150	≥ 450	≥ 45	
NCB50-FP...	flush	≥ 5	≥ 0	≥ 0	150	≥ 250	≥ 5	
NJ40-FP...	not flush	≥ 40	≥ 0	≥ 0	120	≥ 150	≥ 20	
NJ50-FP...	not flush	≥ 40	≥ 20	≥ 0	150	≥ 240	≥ 45	
NRB50-FP...	flush	≥ 5	≥ 0	≥ 0	150	≥ 170	≥ 10	
NRN75-FP...	not flush	≥ 20	≥ 40	≥ 40	200	≥ 300	≥ 45	

In individual cases deviations are possible due to exemplary dispersion

Flat Pack switches (FP), continuation

	Type
X	
≥ 290	NCB40-FP...
≥ 530	NCN50-FP...
≥ 240	NCB50-FP...
≥ 400	NJ40-FP...
≥ 500	NJ50-FP...
≥ 250	NRB50-FP...
≥ 560	NRN75-FP...

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