

**Cuboid proximity switches (Varikont / Limit Switch style)**

(active surface facing forward)

Type	Installation	Diagram 1		Diagram 2		Diagram 3		Diagram 4	
		X	Y	Y	Y	B	Y	X	
	<b>Dimensions [mm]</b>	<b>X</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>B</b>	<b>Y</b>	<b>X</b>	
NBB15-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	-	-	≥ 0	
NBB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 60	≥ 80	≥ 0	
NBB30-U1K...	flush	≥ 1,2	≥ 0	≥ 0	≥ 0	≥ 90	≥ 220	≥ 4	
NBN30-U-...	non-flush	≥ 20	-	-	-	≥ 90	≥ 160	≥ 10	
NBN40-U-...	non-flush	≥ 40	-	-	-	≥ 120	≥ 160	≥ 20	
NBN50-U1K...	not flush	≥ 40	-	-	-	≥ 150	≥ 300	≥ 28	
NRB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 60	≥ 90	≥ 0	
NRN40-U-...	non-flush	≥ 40	-	-	-	≥ 120	≥ 300	≥ 20	

(active surface facing up)

Type	Installation	Diagram 1		Diagram 2		Diagram 3		Diagram 4	
		X	Y	Y	Y	X	Y	X	Y
	<b>Dimensions [mm]</b>	<b>X</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>X</b>	<b>Y</b>	<b>X</b>	<b>Y</b>
NBB15-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NBB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NBB30-U1K...	flush	arbitrary	≥ 0	≥ 0	≥ 0	arbitrary	≥ 0	arbitrary	≥ 0
NBN30-U-...	non-flush	≥ 0	≥ 15	≥ 20	≥ 20	≥ 30 ≥ 40	≥ 5 ≥ 0	≥ 30 ≥ 40	≥ 10 ≥ 0
NBN40-U-...	non-flush	≥ 0	≥ 28	≥ 35	≥ 35	≥ 0	≥ 28	≥ 0	≥ 35
NBN50-U1K...	not flush	≥ 0	≥ 35	≥ 45	≥ 45	≥ 30 ≥ 40	≥ 30 ≥ 25	≥ 30 ≥ 40	≥ 45 ≥ 35
NRB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NRN40-U-...	non-flush	≥ 0	≥ 45	≥ 45	≥ 45	≥ 30 ≥ 40	≥ 20 ≥ 10	≥ 30 ≥ 40	≥ 30 ≥ 20

In individual cases deviations are possible due to exemplary dispersion

(active surface facing forward, continuation)

A = any		A = any			
X	Y	X	Y	X	
X	Y	X	Y	X	
≥ 0	≥ 0	≥ 0	≥ 0	-	
≥ 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		
≥ 30	≥ 40	≥ 30	≥ 60	≥ 400	
≥ 35	≥ 0	≥ 35	≥ 30		
≥ 0	≥ 0	≥ 0	≥ 0	≥ 130	
≥ 25	≥ 15	≥ 25	≥ 25	≥ 300	
≥ 40	≥ 0	≥ 40	≥ 0		

(active surface to the side)

	Type
X	
X	
≥ 0	NBB15-U.-...
≥ 0	NBB20-U.-...
>36	NBB30-U1K...
-	NBN30-U.-...
-	NBN40-U.-...
-	NBN50-U1K...
≥ 0	NRB20-U.-...
-	NRN40-U.-...

(active surface facing up, continuation)

				Type	
A = any		A = any			
Y	Y	X	Y	X	Y
Y	Y	X	Y	X	Y
≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10
≥ 13	≥ 20	0	≥ 13	0	≥ 20
≥ 20	≥ 25	≥ 30	≥ 10	≥ 30	≥ 15
		≥ 40	≥ 0	≥ 40	≥ 5
≥ 36	≥ 42	≥ 0	≥ 36	≥ 0	≥ 42
≥ 40	≥ 50	≥ 30	≥ 40	≥ 30	≥ 50
		≥ 40	≥ 35	≥ 40	≥ 50
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10
≥ 45	≥ 50	≥ 30	≥ 20	≥ 30	≥ 30
		≥ 40	≥ 10	≥ 40	≥ 20