

**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		
NBB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 60	≥ 80	≥ 0		
NBB30-U1K...	flush	≥ 1,2	≥ 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	≥ 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	X	Y	X	Y	
	<b>Dimensions [mm]</b>	<b>X</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	
NBB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	
NBB30-U1K...	flush	arbitrary	≥ 0	≥ 0	arbitrary	≥ 0	arbitrary	≥ 0	
NBN30-U-...	non-flush	≥ 0	≥ 15	≥ 20	≥ 30 ≥ 40	≥ 5 ≥ 0	≥ 30 ≥ 40	≥ 10 ≥ 0	
NBN40-U-...	non-flush	≥ 0	≥ 28	≥ 35	≥ 0	≥ 28	≥ 0	≥ 35	
NBN50-U1K...	not flush	≥ 0	≥ 35	≥ 45	≥ 30 ≥ 40	≥ 30 ≥ 25	≥ 30 ≥ 40	≥ 45 ≥ 35	
NRB20-U-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	
NRN40-U-...	non-flush	≥ 0	≥ 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			
<b>X</b>	<b>Y</b>	<b>X</b>	<b>Y</b>	<b>X</b>	
$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	-	
$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	$\geq 70$	
$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	$\geq 300$	
$\geq 15$	$\geq 10$	$\geq 15$	$\geq 25$	$\geq 140$	
$\geq 20$	$\geq 0$	$\geq 20$	$\geq 15$		
$\geq 30$	$\geq 10$	$\geq 30$	$\geq 15$	$\geq 300$	
$\geq 40$	$\geq 0$	$\geq 40$	$\geq 0$		
$\geq 30$	$\geq 40$	$\geq 30$	$\geq 60$	$\geq 400$	
$\geq 35$	$\geq 0$	$\geq 35$	$\geq 30$		
$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	$\geq 130$	
$\geq 25$	$\geq 15$	$\geq 25$	$\geq 25$	$\geq 300$	
$\geq 40$	$\geq 0$	$\geq 40$	$\geq 0$		

(active surface to the side)

	<b>Type</b>
<b>X</b>	
$\geq 0$	<b>NBB15-U.-...</b>
$\geq 0$	<b>NBB20-U.-...</b>
$>36$	<b>NBB30-U1K...</b>
-	<b>NBN30-U.-...</b>
-	<b>NBN40-U.-...</b>
-	<b>NBN50-U1K...</b>
$\geq 0$	<b>NRB20-U.-...</b>
-	<b>NRN40-U.-...</b>

(active surface facing up, continuation)

				<b>Type</b>	
A = any	A = any	A = any	A = any		
<b>Y</b>	<b>Y</b>	<b>X</b>	<b>Y</b>	<b>X</b>	<b>Y</b>
$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$	$\geq 0$
$\geq 5$	$\geq 10$	$\geq 0$	$\geq 5$	$\geq 0$	$\geq 10$
$\geq 13$	$\geq 20$	0	$\geq 13$	0	$\geq 20$
$\geq 20$	$\geq 25$	$\geq 30$	$\geq 10$	$\geq 30$	$\geq 15$
		$\geq 40$	$\geq 0$	$\geq 40$	$\geq 5$
$\geq 36$	$\geq 42$	$\geq 0$	$\geq 36$	$\geq 0$	$\geq 42$
$\geq 40$	$\geq 50$	$\geq 30$	$\geq 40$	$\geq 30$	$\geq 50$
		$\geq 40$	$\geq 35$	$\geq 40$	$\geq 50$
$\geq 5$	$\geq 10$	$\geq 0$	$\geq 5$	$\geq 0$	$\geq 10$
$\geq 45$	$\geq 50$	$\geq 30$	$\geq 20$	$\geq 30$	$\geq 30$
		$\geq 40$	$\geq 10$	$\geq 40$	$\geq 20$