

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	
	Dimensions [mm]	X	Y	Y	Y	B	Y	X	
NBB15-U.-...	flush	≥ 0	≥ 0	≥ 0	-	-	≥ 0		
NBB20-U.-...	flush	≥ 0	≥ 0	≥ 0	≥ 60	≥ 80	≥ 0		
NBN30-U.-...	non-flush	≥ 20	-	-	≥ 90	≥ 160	≥ 10		
NBN40-U.-...	non-flush	≥ 40	-	-	≥ 120	≥ 160	≥ 20		
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	
	Dimensions [mm]	X	Y	Y	X	Y	X	Y	
NBB15-U.-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	
NBB20-U.-...	flush	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 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	
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

Installation conditions for inductive sensors

(active surface facing forward, continuation)

A = any		A = any		A = any	
X	Y	X	Y	X	
X	Y	X	Y	X	
≥ 0	≥ 0	≥ 0	≥ 0	-	
≥ 0	≥ 0	≥ 0	≥ 0	≥ 70	
≥ 15	≥ 10	≥ 15	≥ 25	≥ 140	
≥ 20	≥ 0	≥ 20	≥ 15	≥ 300	
≥ 30	≥ 10	≥ 30	≥ 15	≥ 130	
≥ 40	≥ 0	≥ 40	≥ 0	≥ 300	
≥ 0	≥ 0	≥ 0	≥ 0	≥ 130	
≥ 25	≥ 15	≥ 25	≥ 25	≥ 300	
≥ 40	≥ 0	≥ 40	≥ 0	≥ 300	

(active surface to the side)

	Type
X	
X	
≥ 0	NBB15-U.-...
≥ 0	NBB20-U.-...
-	NBN30-U.-...
-	NBN40-U.-...
≥ 0	NRB20-U.-...
-	NRN40-U.-...

(active surface facing up, continuation)

								Type
A = any		A = any		A = any		A = any		
Y	Y	X	Y	X	Y			
≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	NBB15-U.-...		
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10	NBB20-U.-...		
≥ 20	≥ 25	≥ 30	≥ 10	≥ 30	≥ 15	NBN30-U.-...		
		≥ 40	≥ 0	≥ 40	≥ 5	NBN30-U.-...		
≥ 36	≥ 42	≥ 0	≥ 36	≥ 0	≥ 42	NBN40-U.-...		
≥ 5	≥ 10	≥ 0	≥ 5	≥ 0	≥ 10	NRB20-U.-...		
≥ 45	≥ 50	≥ 30	≥ 20	≥ 30	≥ 30	NRN40-U.-...		
		≥ 40	≥ 10	≥ 40	≥ 20	NRN40-U.-...		

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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