

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] | | | | | | | | |
| NBB15-U-... | flush | ≥ 0 | ≥ 0 | ≥ 0 | - | - | ≥ 0 | | |
| NBB20-U-... | flush | ≥ 0 | ≥ 0 | ≥ 0 | 60 | ≥ 80 | ≥ 0 | | |
| NBN30-U-... | non-flush | ≥ 35 | - | - | 90 | ≥ 160 | ≥ 20 | | |
| 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] | | | | | | | | |
| NBB15-U-... | flush | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 |
| NBB20-U-... | flush | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 | ≥ 0 |
| NBN30-U-... | non-flush | ≥ 25 | - | - | ≥ 30 | ≥ 20 | ≥ 30 | ≥ 30 | |
| 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 | ≥ 20 | ≥ 30 | ≥ 30 | |
| | | | | | ≥ 40 | ≥ 10 | ≥ 40 | ≥ 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 | |
| ≥ 30 | ≥ 10 | ≥ 30 | ≥ 10 | ≥ 140 | |
| ≥ 40 | ≥ 0 | ≥ 40 | ≥ 0 | | |
| ≥ 30 | ≥ 10 | ≥ 30 | ≥ 15 | ≥ 300 | |
| ≥ 40 | ≥ 0 | ≥ 40 | ≥ 0 | | |
| ≥ 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.-... |
| - | 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 |
| ≥ 5 | ≥ 10 | ≥ 0 | ≥ 5 | ≥ 0 | ≥ 10 |
| - | - | ≥ 30 | ≥ 20 | ≥ 30 | ≥ 30 |
| | | ≥ 40 | ≥ 10 | ≥ 40 | ≥ 20 |
| ≥ 36 | ≥ 42 | ≥ 0 | ≥ 36 | ≥ 0 | ≥ 42 |
| ≥ 5 | ≥ 10 | ≥ 0 | ≥ 5 | ≥ 0 | ≥ 10 |
| ≥ 45 | ≥ 50 | ≥ 30 | ≥ 20 | ≥ 30 | ≥ 30 |
| | | ≥ 40 | ≥ 10 | ≥ 40 | ≥ 20 |