

V3 Series



| Standard Technical Data | |
|-------------------------|---------|
| Voltage type | DC |
| Housing length L | 16 mm |
| Housing width W | 27.8 mm |
| Housing height H | 10.2 mm |

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

| Model number | Type of installation | Detection range [mm] | Output type | Output type | Switching function | Switching Frequency [Hz] | UB (min) | UB (max) | Connection type | Cable length [mm] | Cable material | CCC | CSA | EAC | UL |
|----------------|----------------------|----------------------|-------------|-------------|----------------------|--------------------------|----------|----------|-----------------------|-------------------|----------------|-----|-----|-----|----|
| NBB2-V3-E0 | Flush | 2 | 3-wire | NPN | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB2-V3-E0-V5 | Flush | 2 | 3-wire | NPN | Normally-open (NO) | 1000 | 10 | 30 | Faston connector plug | | | | | | |
| NBB2-V3-E1-V5 | Flush | 2 | 3-wire | NPN | Normally-closed (NC) | 1000 | 10 | 30 | Faston connector plug | | | | | | |
| NBB2-V3-E2 | Flush | 2 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB2-V3-E2-10M | Flush | 2 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 10000 | PVC | | | | |
| NBB2-V3-E2-V3 | Flush | 2 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB2-V3-E2-V5 | Flush | 2 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | Faston connector plug | | | | | | |
| NBB2-V3-E3 | Flush | 2 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB2-V3-E3-V3 | Flush | 2 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB2-V3-E3-V5 | Flush | 2 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | Faston connector plug | | | | | | |
| NBB2-V3-Z4L | Flush | 2 | 2-wire | 2-wire | Normally-open (NO) | 700 | 3.7 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-E0 | Flush | 3 | 3-wire | NPN | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-E0-V3 | Flush | 3 | 3-wire | NPN | Normally-open (NO) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB3-V3-E1 | Flush | 3 | 3-wire | NPN | Normally-closed (NC) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-E1-V3 | Flush | 3 | 3-wire | NPN | Normally-closed (NC) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB3-V3-E2 | Flush | 3 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-E2-2M | Flush | 3 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | Fixed cable | 2000 | PVC | | | | |
| NBB3-V3-E2-V3 | Flush | 3 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB3-V3-E3 | Flush | 3 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-E3-V3 | Flush | 3 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBB3-V3-Z4 | Flush | 3 | 2-wire | 2-wire | Normally-open (NO) | 2000 | 5 | 60 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-Z4-2M | Flush | 3 | 2-wire | 2-wire | Normally-open (NO) | 2000 | 5 | 60 | Fixed cable | 2000 | PVC | | | | |
| NBB3-V3-Z4-V5 | Flush | 3 | 2-wire | 2-wire | Normally-open (NO) | 2000 | 5 | 60 | Faston connector plug | | | | | | |
| NBB3-V3-Z5 | Flush | 3 | 2-wire | 2-wire | Normally-closed (NC) | 2000 | 5 | 60 | Fixed cable | 130 | PVC | | | | |
| NBB3-V3-Z5-V5 | Flush | 3 | 2-wire | 2-wire | Normally-closed (NC) | 2000 | 5 | 60 | Faston connector plug | | | | | | |
| NBN4-V3-E0 | Non-flush | 4 | 3-wire | NPN | Normally-open (NO) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN4-V3-E2 | Non-flush | 4 | 3-wire | PNP | Normally-open (NO) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN6-V3-E0 | Non-flush | 6 | 3-wire | NPN | Normally-open (NO) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN6-V3-E0-V3 | Non-flush | 6 | 3-wire | NPN | Normally-open (NO) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBN6-V3-E1 | Non-flush | 6 | 3-wire | NPN | Normally-closed (NC) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN6-V3-E1-V3 | Non-flush | 6 | 3-wire | NPN | Normally-closed (NC) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBN6-V3-E2 | Non-flush | 6 | 3-wire | PNP | Normally-open (NO) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN6-V3-E2-V3 | Non-flush | 6 | 3-wire | PNP | Normally-open (NO) | 1000 | 10 | 30 | M8 connector plug | | | | | | |
| NBN6-V3-E3 | Non-flush | 6 | 3-wire | PNP | Normally-closed (NC) | 500 | 10 | 30 | Fixed cable | 130 | PVC | | | | |
| NBN6-V3-E3-V3 | Non-flush | 6 | 3-wire | PNP | Normally-closed (NC) | 1000 | 10 | 30 | M8 connector plug | | | | | | |