



**Mechanical Cam Switches**  
**BNS 813-D03-D12-100-55-FD-0166**  
**Order Code: BNS00TZ**



**Mechanical data**

<b>Approach direction</b>	longitudinal, parallel to attachment surface
<b>Approach speed</b>	1-2. Switch position: 40 m/min
<b>Dimension</b>	120 x 80 x 87 mm
<b>Distance cam - reference edge</b>	1-2. Switch position: 4.50...5.00 mm
<b>Flange, feed-through</b>	2 threaded exit M25
<b>Installation</b>	Vertical
<b>Life expectancy mechanical</b>	1-2. Switch position: 30 mil. switching operations
<b>Number of switching positions</b>	2x Chisel Mechanical + Inductive

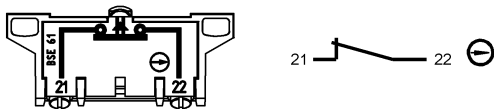
<b>Plunger spacing 1st switch position</b>	30 mm
<b>Plunger style</b>	1-2nd switch position: Chisel
<b>Switch actuation force</b>	1-2. Switch position: 15 N
<b>Switching element</b>	1-2. Switch position: BSE 61 3. Switch position: BES 517-110

**Range/Distance**

<b>Assured operating distance Sa</b>	3. Switch position: 1.6 mm
<b>Rated operating distance Sn</b>	3. Switch position: 2.0 mm
<b>Reproducibility</b>	1-2. Switch position: ±0.002 mm
<b>Switch position spacing</b>	12 mm

**Wiring Diagrams**

BSE 61



PA

