



Mechanical Cam Switches  
**BNS 813-D02-D12-100-22-02**  
**Order Code: BNS00PZ**

**BALLUFF**

**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 70 x 83 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: 1 mil. switching operations

<b>Number of switching positions</b>	2x Chisel Mechanical
<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: 30 N
<b>Switching element</b>	1-2. Switch position: BSE 85

**Range/Distance**

<b>Reproducibility</b>	1-2. Switch position: ±0.02 mm
<b>Switch position spacing</b>	12 mm

**Wiring Diagrams**

BSE 85

