



**Mechanical Cam Switches**  
**BNS 813-D06-D16-100-20-01**  
**Order Code: BNS013K**

**BALLUFF**

**Mechanical data**

<b>Approach direction</b>	longitudinal, parallel to attachment surface
<b>Approach speed</b>	1-6. Switch position: 40 m/min
<b>Distance cam - reference edge</b>	1-6. 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. Switch position: 1 mil. switching operations 2-6. Switch position: 30 mil. switching operations

<b>Number of switching positions</b>	6x Chisel Mechanical
<b>Plunger style</b>	1-6th switch position: Chisel
<b>Switch actuation force</b>	1. Switch position: 30 N 2-6. Switch position: 20 N
<b>Switching element</b>	1. Switch position: BSE 85 2-6. Switch position: BSE 30.0

**Range/Distance**

<b>Reproducibility</b>	1. Switch position: $\pm 0.02$ mm 2-6. Switch position: $\pm 0.002$ mm
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**Wiring Diagrams**

