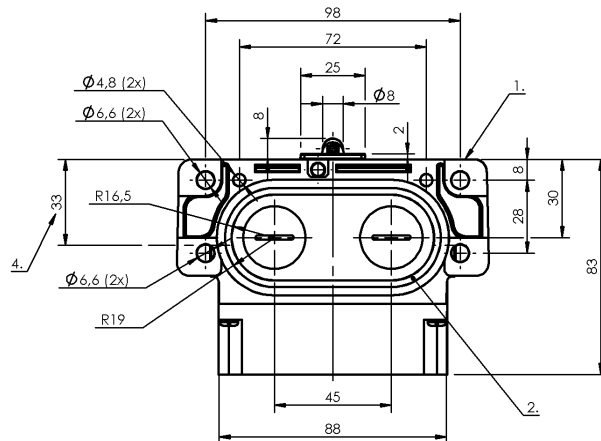




CE CCC  UKCA

Functional safety

B10d (EN ISO 13849-1)	BSE 30.0: 30 mil. switching cycles BSE 85: 1 mil. switching cycles
-----------------------	---

Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-2. Switch position: Silver 3-6. Switch position: Silver, gold plated
Plunger material	1-6. Switch position: 1.4034 stainless steel

Display/Operation

Function indicator 1-6. Switch position: None

Electrical connection

Connection type 1-6. Switch position: Screw terminal

Electrical data

Continuous current	1-6. Switch position: 6 A
Rated operating voltage Ue	1-6. Switch position: 250 V AC
Switching rate	1-2. Switch position: 160/min 3-6. Switch position: 300/min

Environmental conditions

Ambient temperature	-5...85 °C
IP rating	IP67

Mechanical Cam Switches
BNS 813-D06-R12-62-20-02
Order Code: BNS052Y



Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-6. Switch position: 60 m/min
Distance cam - reference edge	1-6. Switch position: 4.50...5.00 mm
Flange, feed-through	2 threaded exit M20
Installation	Vertical
Life expectancy mechanical	1-2. Switch position: 1 mil. switching operations 3-6. Switch position: 30 mil. switching operations

Number of switching positions	6x Roller Mechanical
Plunger style	1-6th switch position: Roller
Switch actuation force	1-2. Switch position: 30 N 3-6. Switch position: 20 N
Switching element	1-2. Switch position: BSE 85 3-6. Switch position: BSE 30.0

Range/Distance

Reproducibility	1-2. Switch position: ± 0.02 mm 3-6. Switch position: ± 0.01 mm
-----------------	--

Wiring Diagrams

