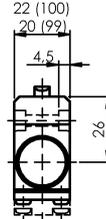
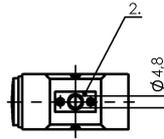
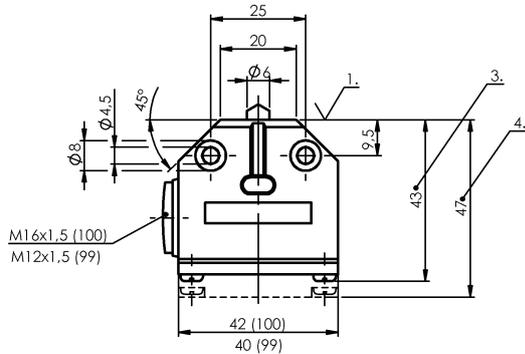


BNS 819-99-R-11
Ordering code: BNS004U

Mechanical multiple position switches

PlungerRoller
No. of switch positions1

BALLUFF
sensors worldwide



Characteristic data

Plunger block No
 Function indicator 1st pos.: none
 Degree of protection as per IEC 60529 IP67

Electrical data

Plunger BSE 70.1
 Rated operating voltage Ue 1st pos.: 250 V AC
 Continuous current 5 A

Mechanical data

Design 99 EGT
 Depth 47 mm
 Mechanical installation condition Any
 Shock rating max. 100g / 2ms
 Vibration rating 10-500 Hz, 3 mm pp, 20 g
 Ambient temperature Ta max. 85 °C
 Ambient temperature Ta min. -5 °C
 Housing material Aluminum
 Type Snap contact
 Contact material 1st pos.: silver
 Repeatability max. 1st pos.: +/-0.05 mm
 Plgr. dist. 1st switch pos. 10 mm

Dist. cam to reference edge

Type
 Operating principle
 Connection
 Plunger material
 Approach speed
 Spacing T
 Switching rate
 Flange feed-through
 Mechan. life expectancy min.
 Approach direction
 Housing finish
 Switching operation force
 Connector
 Plunger diameter
 Plunger style
 Switching element

1st pos.: 2.8 - 0.5 mm
 Mech. single position
 1st pos.: mechanical
 1. screw terminal
 1st pos.: stainless steel
 1st pos.: 60 m/min
 None
 1st pos.: max. 200/min
 None
 1st pos.: 10 mil. operations
 In either axis to mtg. surface
 Eloxal
 1st pos.: min. 8 N
 None
 6 mm
 1st pos.: Roller
 1st pos.: BSE 70.1

Basic data

DIN switch No

Remarks

Additional features 1 None



Definitions see main catalog

subject to change