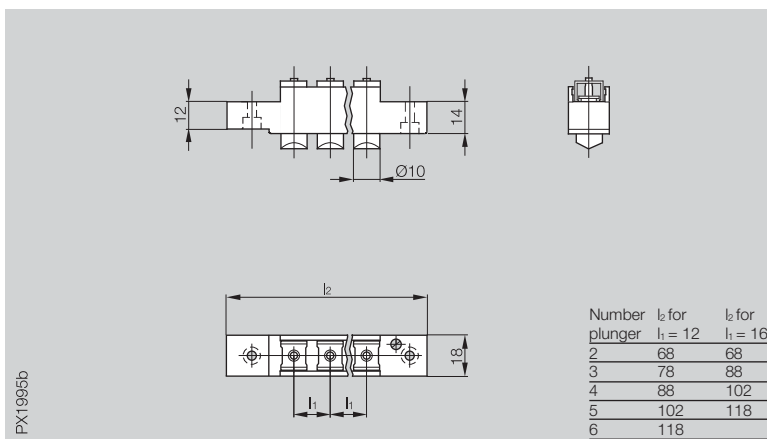


Mechanical Multiple Position Switches with Quick-Change Plunger Unit

Quick-change block
for Series 100

Type	BNP quick-change block/Plunger
Plunger spacing	12 mm or 16 mm



Ordering code	BNP 2 _ _ _ -100
Plunger style	Chisel (D), Ball (K), Roller (R) or Roller Bearing (L)
Plunger material	Stainless steel, contact surfaces induction hardened
Cam tray material	aluminum, barrel finished, blue anodized finish

Ordering example for standard application:
BNP 29-04-D12-100

BNP 29- - -100

No. of plungers	Plunger style	Plunger spacing l ₁
02 2x	D Chisel	12 12 mm
...	K Ball	16 16 mm
06 6x	R Roller	
	L Roller bearing	

Ordering example for safety application:
BNP 23-04-D12-100-01

BNP 23- - -100-

No. of plungers	Plunger style	Plunger spacing l ₁	Safety switch elements
02 2x	D Chisel	12 12 mm	No. from flange
...	K Ball	16 16 mm	
06 6x	R Roller		
	L Roller bearing		

Note!

Safety switch positions to DIN EN 60204-1/ VDE 0113 may only be operated with a rigid plunger.



Mechanical Multiple Position Switches with Quick-Change Plunger Unit

Quick-change block
for Series 61

Type	BNP quick-change block/Plunger
Plunger spacing	12 mm or 16 mm



Number of plungers	Plungers spacing		Housing B standard		Housing B see p. 74		Housing C	
	l ₁	l ₂	l ₃	l ₂	l ₃	l ₂	l ₃	
2	12	35	12	59	30	47	24	
3	12	47	12	59	24			
4	12	59	12					
5	12	71	12					
6	12	83	12					
2	16	47	16	59	30			
3	16	71	16					
4	16	83	16					

Ordering code	BNP 2 - - - -61 - -
Plunger style	Chisel (D), Ball (K), Roller (R) or Roller Bearing (L)
Plunger material	Stainless steel, contact surfaces induction hardened
Cam tray material	Aluminum, barrel finished, blue anodized finish

Ordering example for standard application:

BNP 29-04-D12-61-12

No. of plungers		Plunger style	Plunger spacing l ₁		Distance l ₃	
02	2x	D Chisel	12	12 mm	12	12 mm
...		K Ball	16	16 mm	16	16 mm
06	6x	R Roller	24	24 mm	24	24 mm
		L Roller bearing	30	30 mm	30	30 mm

Ordering example for safety application:

BNP 23-04-D12-61-A-01

No. of plungers		Plunger style	Plunger spacing l ₁		Distance l ₃		Safety switch elements
02	2x	D Chisel	12	12 mm	A	12 mm	No. from flange
...		K Ball	16	16 mm	B	16 mm	
06	6x	R Roller	24	24 mm	C	24 mm	
		L Roller bearing	30	30 mm	D	30 mm	

Note!

Safety switch positions to DIN EN 60204-1/ VDE 0113 may only be operated with a rigid plunger.

1.4
Multiple position switches series 100 61
Quick-change block for series 100 61

5.1
5.2
5.3

