

1) Reference edge 2) Function indicator FD/FE/LL 3) Cable pass-through 4) Sealing ring 5) Anti-crystall. plunger

- Mech. multiple position
- Snap contact
- Chisel

**General attributes**

Additional features  
Approvals / Conformity  
DIN switch  
Enclosure Type per IEC 60529  
Function indicator

None  
CE  
DIN 43697  
IP67  
4th pos.: FD - 6...60 V  
3rd pos.: FD - 6...60 V  
2nd pos.: FD - 6...60 V  
1st pos.: FD - 6...60 V

**Electrical attributes**

Continuous current  
  
Effective operating voltage U<sub>e</sub>

4th pos.: 6 A  
3rd pos.: 6 A  
2nd pos.: 6 A  
1st pos.: 6 A  
1st pos.: 250 V AC  
2nd pos.: 250 V AC  
4th pos.: 250 V AC  
3rd pos.: 250 V AC  
Dual output function  
One NO and one NC  
Galvanically isolated

Switching function mech.

**Mechanical attributes**

Ambient temperature T<sub>a</sub> max.  
Ambient temperature T<sub>a</sub> min.  
Approach direction  
Approach speed

85 °C  
-5 °C  
Lengthwise, par. to mtg. surf.  
4th pos.: 40 m/min  
3rd pos.: 40 m/min  
2nd pos.: 40 m/min  
1st pos.: 40 m/min  
Special connector  
4th pos.: silver, gold plated  
3rd pos.: silver, gold plated  
2nd pos.: silver, gold plated  
1st pos.: silver, gold plated  
85.0 mm  
1st pos.: 5 - 0.5 mm  
4th pos.: 5 - 0.5 mm  
3rd pos.: 5 - 0.5 mm  
2nd pos.: 5 - 0.5 mm  
2 threaded exit M25

Connector  
Contact material

Depth  
Dist. cam to reference edge

Flange feedthrough

Height (H)  
Housing finish  
Housing material  
Mech. installation condition  
Mechanical life expectancy

90.0 mm  
Eloxal  
Aluminum  
Vertical  
2nd pos.: 30 mil. operations  
4th pos.: 30 mil. operations  
1st pos.: 30 mil. operations  
3rd pos.: 30 mil. operations  
4 ST

No. of switch positions  
Operating principle

4th pos.: mechanical  
3rd pos.: mechanical  
2nd pos.: mechanical  
1st pos.: mechanical

Plgr. dist. 1st switch pos.  
Plunger block  
Plunger diameter  
Plunger material

30 mm  
No  
10.0 mm  
4th pos.: stainless steel  
3rd pos.: stainless steel  
1st pos.: stainless steel  
2nd pos.: stainless steel

Plunger style

4th pos.: Chisel  
1st pos.: Chisel  
3rd pos.: Chisel  
2nd pos.: Chisel

Spacing (T)  
Style  
Switching element

12 mm  
100  
1st pos.: BSE 30.0  
2nd pos.: BSE 30.0  
3rd pos.: BSE 30.0

Switching operation force

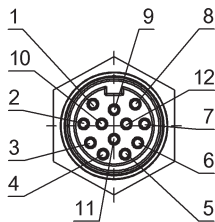
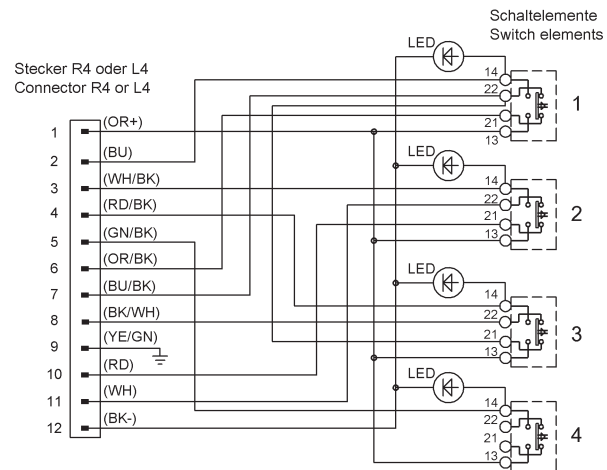
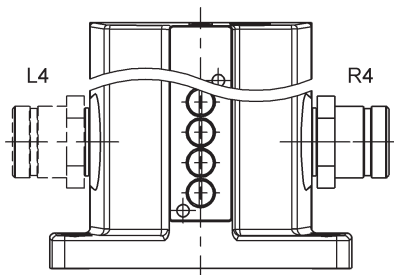
4th pos.: BSE 30.0  
4th pos.: min. 20 N  
3rd pos.: min. 20 N  
2nd pos.: min. 20 N

Switching rate

1st pos.: min. 20 N  
4th pos.: max. 300/min  
3rd pos.: max. 300/min  
2nd pos.: max. 300/min

Type  
Version  
Width

1st pos.: max. 300/min  
Mech. multiple position  
Snap contact  
120 mm



View of male side