

## Pneumatic clamps horizontal Form B

### Item description/product images



for electrics

### Description

#### Material:

Lever parts and clamping spindle steel.

#### Version:

Lever parts trivalent passivated.

Clamping spindle and nuts phosphated.

Cylinder bright.

#### Note:

Cable length 2.5 m

#### Accessory:

K0101

K0102

K0103

K0106

K0107

#### Pneumatic cylinder:

Double-acting without end of stroke dampening and equipped with two proximity reed switches with LED indicators.

#### Technical data for proximity reed switch:

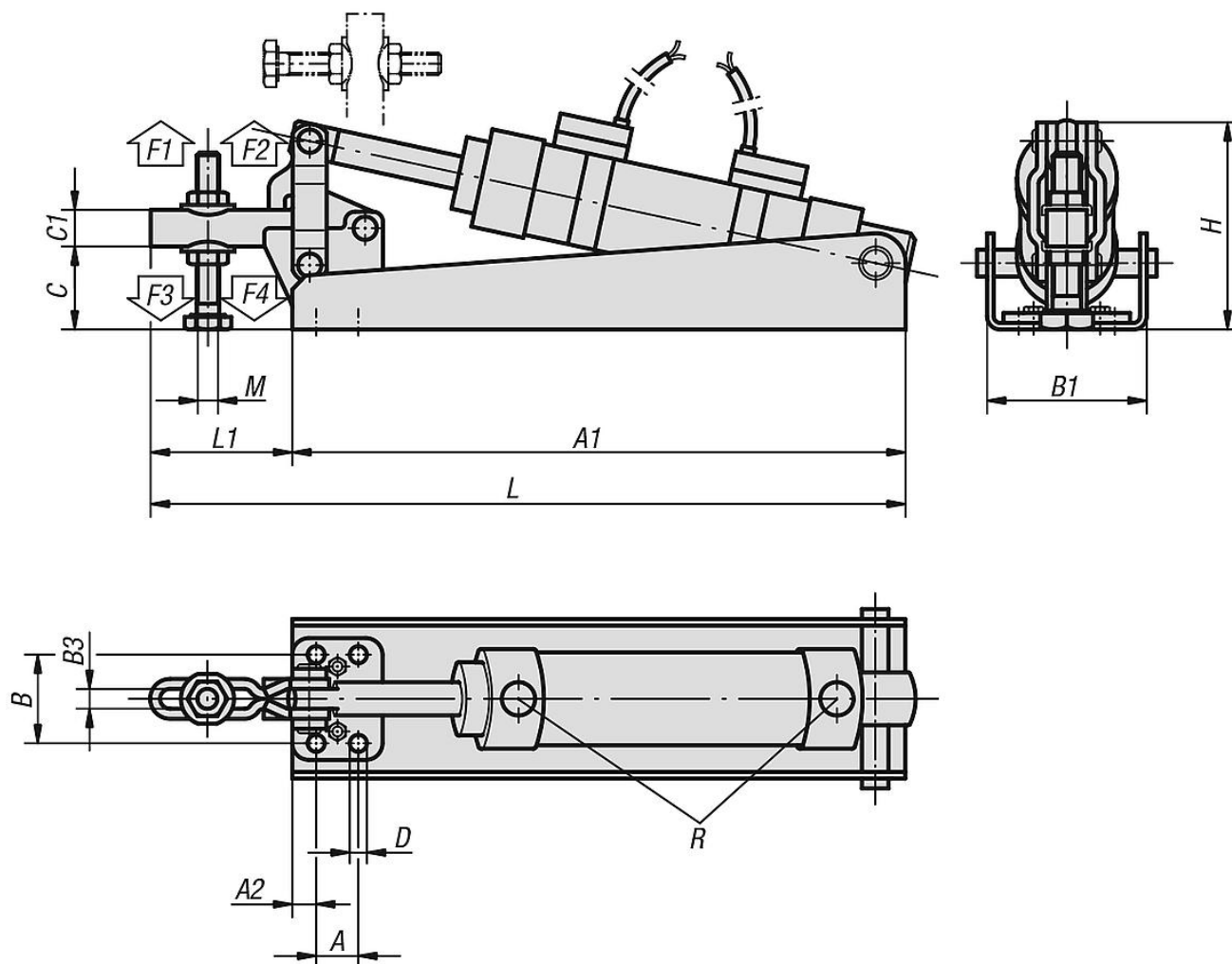
Max. performance DC = 10 W / AC = 12 VA.

Max. rated voltage 10 - 60 V, DC and AC.

Max. rated power 500 mA.

# Pneumatic clamps horizontal Form B

## Drawings



## Overview of items

### Pneumatic clamps horizontal, Form B

| Order No.  | Form | Air consumption per cycle | Opening angle of holding arm | Holding force at 6 bar F1 N | Holding force at 6 bar F2 N | Clamping force at 6 bar F3 N | Clamping force at 6 bar F4 N |
|------------|------|---------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|
| K0090.0075 | B    | 0,02 dm <sup>3</sup>      | 70°                          | 1000                        | 1600                        | 800                          | 1400                         |
| K0090.0150 | B    | 0,04 dm <sup>3</sup>      | 85°                          | 1300                        | 1900                        | 1000                         | 1600                         |
| K0090.0250 | B    | 0,09 dm <sup>3</sup>      | 85°                          | 1600                        | 2400                        | 1200                         | 1800                         |
| K0090.0450 | B    | 0,27 dm <sup>3</sup>      | 85°                          | 3000                        | 5800                        | 2600                         | 5400                         |

| Order No.  | Form | A    | A1  | A2 | B  | B1 | B3   | C  | C1   | D   | H   | L   | L1  | M       | R    | P=Operating pressure bar | strokes per min. at 6 bar |
|------------|------|------|-----|----|----|----|------|----|------|-----|-----|-----|-----|---------|------|--------------------------|---------------------------|
| K0090.0075 | B    | 16   | 145 | 5  | 24 | 40 | 5,3  | 18 | 9    | 4,4 | 50  | 177 | 32  | M5x35   | G1/8 | 2 - 6                    | 40                        |
| K0090.0150 | B    | 12,7 | 185 | 7  | 27 | 48 | 6,4  | 24 | 11   | 5,1 | 62  | 227 | 42  | M6x50   | G1/8 | 2 - 6                    | 60                        |
| K0090.0250 | B    | 19   | 234 | 8  | 32 | 59 | 8,9  | 35 | 17,5 | 7,1 | 84  | 309 | 75  | M8x60   | G1/8 | 2 - 6                    | 55                        |
| K0090.0450 | B    | 32   | 289 | 10 | 45 | 76 | 12,7 | 54 | 25   | 8,7 | 122 | 413 | 124 | M12x100 | G1/8 | 2 - 6                    | 55                        |

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