



## Actuator 165MBK

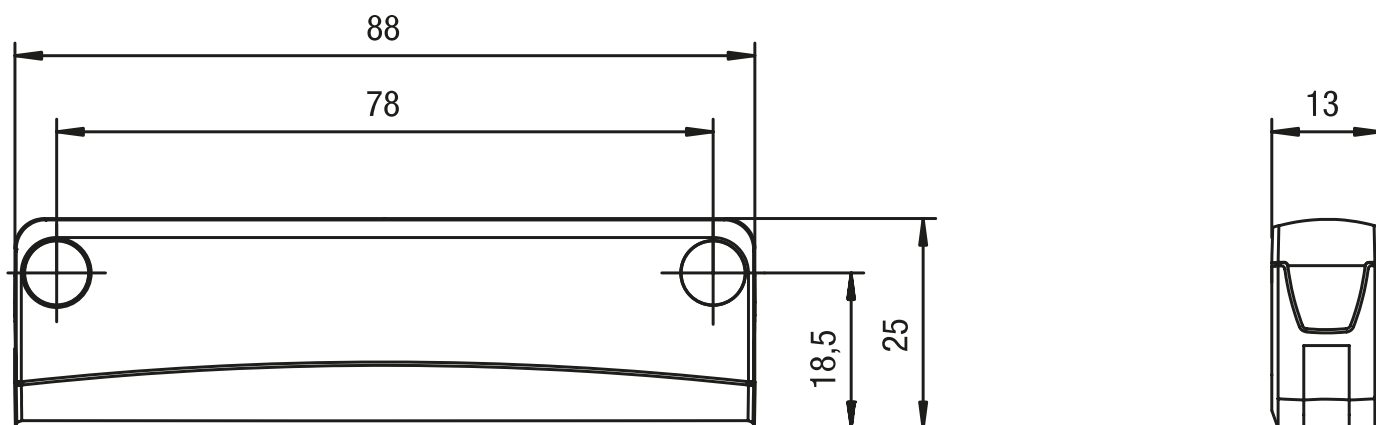
When used with the corresponding safety sensor, the magnetic actuator of the new eloProtect M range enables optimised operating distances and offset values as well as increased tampering protection.

### Technical specifications

- Flexibility in installation and use from variable actuation direction
- Space saving and simple installation through small size
- Screw covers prevent easy removal and the accumulation of dirt
- Strong resistance against cleaning agents (ECOLAB) makes this suitable for use in the food and packaging industries.

### Technical drawing

IMAGE 1/1



## Product options

IMAGE 1/1

## ACTUATORS

| Actuators          | Actuation direction | 165MSK00.1A<br>165MSK00.1G |                 |                 | 165MSK00.1E<br>165MSK00.1K |                 |                 | 165MSK00.1B<br>165MSK00.1H |                 |                 |
|--------------------|---------------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|
|                    |                     | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> |
| <b>165 MBK 001</b> | Front               | 0.5                        | 5               | 14              | -                          | -               | -               | 0.5                        | 5               | 14              |
| <b>165 MBK 101</b> |                     | 0.5                        | 8               | 18              | -                          | -               | -               | 0.5                        | 8               | 18              |
| <b>165 MBK 201</b> |                     | 0.5                        | 5               | 14              | -                          | -               | -               | 0.5                        | 5               | 14              |
| <b>165 MBK 301</b> | Front 90°           | 0.5                        | 8               | 18              | -                          | -               | -               | 0.5                        | 8               | 18              |
| <b>165 MBK 001</b> |                     | -                          | -               | -               | 0.5                        | 5               | 14              | -                          | -               | -               |
| <b>165 MBK 101</b> | Side                | -                          | -               | -               | -                          | 8               | 18              | -                          | -               | -               |
| <b>165 MBK 201</b> |                     | -                          | -               | -               | 0.5                        | 5               | 14              | -                          | -               | -               |
| <b>165 MBK 301</b> | Side 90°            | -                          | -               | -               | -                          | 8               | 18              | -                          | -               | -               |
|                    |                     | -                          | -               | -               | -                          | -               | -               | -                          | -               | -               |

| Actuators          | Actuation direction | 165MSK00.1F<br>165MSK00.1L |                 |                 | 165MSK00.1C<br>165MSK00.1I |                 |                 | 165MSK00.1D<br>165MSK00.1J |                 |                 |
|--------------------|---------------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|-----------------|
|                    |                     | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> | S <sub>0 min</sub>         | S <sub>ao</sub> | S <sub>ar</sub> |
| <b>165 MBK 001</b> | Front               | -                          | -               | -               | 0.5                        | 5               | 14              | 0.5                        | 5               | 14              |
| <b>165 MBK 101</b> |                     | -                          | -               | -               | 0.5                        | 8               | 18              | 0.5                        | 8               | 18              |
| <b>165 MBK 201</b> |                     | -                          | -               | -               | 0.5                        | 5               | 14              | 0.5                        | 5               | 14              |
| <b>165 MBK 301</b> | Front 90°           | -                          | -               | -               | 0.5                        | 8               | 18              | 0.5                        | 8               | 18              |
| <b>165 MBK 001</b> |                     | 0.5                        | 5               | 14              | -                          | -               | -               | -                          | -               | -               |
| <b>165 MBK 101</b> | Side                | -                          | 8               | 18              | -                          | -               | -               | -                          | -               | -               |
| <b>165 MBK 201</b> |                     | 0.5                        | 5               | 14              | -                          | -               | -               | -                          | -               | -               |
| <b>165 MBK 301</b> | Side 90°            | -                          | 8               | 18              | -                          | -               | -               | -                          | -               | -               |
|                    |                     | -                          | -               | -               | -                          | -               | -               | -                          | -               | -               |

S<sub>0 min</sub> = minimum switching distance (mm), S<sub>ao</sub> = operating distance (mm), S<sub>ar</sub> = assured switch-off distance (mm)

## Article characteristics

| Attribute                   | 165MBK101    | 165MBK201 | 165MBK301 |
|-----------------------------|--------------|-----------|-----------|
| Coding acc. to EN ISO 14119 | Low          |           |           |
| Suitable for sensor type(s) | 165MSK       |           |           |
| Dimensions                  | 88x25x13     |           |           |
| Housing material            | PBT/PC       |           |           |
| Housing colour              | grau/schwarz |           |           |
| Mounting type               | screwed      |           |           |
| Torque for fastening screws | 0.7 N m      |           |           |