



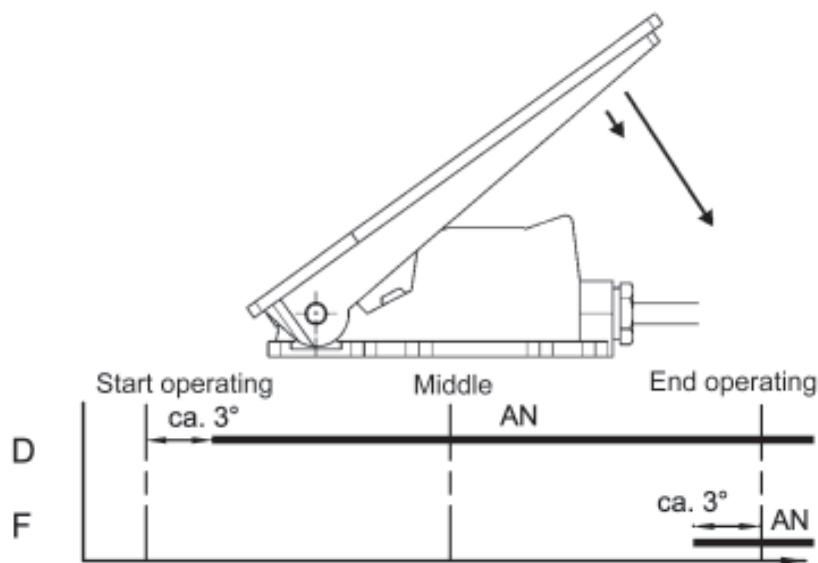
## Technical Data

|                                 |       | Type 6  |
|---------------------------------|-------|---|
| Mechanism                       |       | Spring return device with double spring           |
| Deflection                      | [°]   | >15   |
| Operation force                 | [N]   | 15..60  |
| Operating temperature           | [°C]  | -20..65   |
| Vibration / shock               |       | 10g max. at 10-55 Hz/ max. 30g                    |
| Life expectancy (moves)         |       | > 2.000.000 under normal-/laboratoy conditions    |
| Protection class                |       | IP65  |
| Weigth                          | [kg]  | ca. 0,85 .. 0,9                                   |
| Sensor type                     |       | Hall Technology / MP1618E single or double output |
| Supply voltage                  |       | 5VDC $\pm$ 10%                                    |
| Current consumption sensor      |       | appr. 7 mA  |
| Independent linearity tolerance |       | $\pm$ 3%  |
| Output signal                   |       | 0,5 .. 4,5 VDC                                    |
| Load recistance                 |       | > 100kOhm recommended                             |
| Terminal assignment             | black | 0VDC / GND  |
|                                 | white | Signal output                                     |
|                                 | red   | Supply 5VDC                                       |

### Options:

|                    |  |
|--------------------|--|
| Micro switch D, F  | 125 VAC / 5A, ca. 200.000 operations                   |
| Kick-Down function | Operating force increases appr. 5° before end position |

## Switching function (optional)



For this type function D and/or F only

## Order description and options

|                                | Series     | Design   | Sensor type | Switch   | Switching pos. 1 | Switching pos. 2 | Protection class | Option #1 |
|--------------------------------|------------|----------|-------------|----------|------------------|------------------|------------------|-----------|
| <b>Foot controller</b>         | <b>P82</b> |          |             |          |                  |                  |                  |           |
| vertical design                |            | <b>6</b> |             |          |                  |                  |                  |           |
| hall sensor                    |            |          | <b>H</b>    |          |                  |                  |                  |           |
| without switch                 |            |          |             | <b>0</b> |                  |                  |                  |           |
| 1 switch (single switching)    |            |          |             | <b>1</b> |                  |                  |                  |           |
| 2 switches (single switching)  |            |          |             | <b>2</b> |                  |                  |                  |           |
| without switch                 |            |          |             |          | <b>0</b>         |                  |                  |           |
| D Micro 3° after beginning     |            |          |             |          | <b>D</b>         |                  |                  |           |
| F Micro 3° before end          |            |          |             |          | <b>F</b>         |                  |                  |           |
| without switch                 |            |          |             |          |                  | <b>0</b>         |                  |           |
| D Micro 3° after beginning     |            |          |             |          |                  | <b>D</b>         |                  |           |
| F Micro 3° before end          |            |          |             |          |                  | <b>F</b>         |                  |           |
| Protection class IP65 Standard |            |          |             |          |                  |                  | <b>IP65</b>      |           |
| kick down function             |            |          |             |          |                  |                  |                  | <b>KD</b> |

#1: Additional options mentioned at the end of the order description

Please ask for more options.  
Our speciality is to create customized solutions.

The herewith stated data can not describe the product character or property due to the various applications specialities.