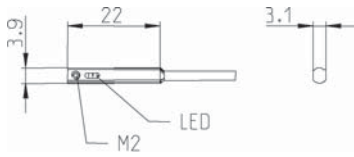


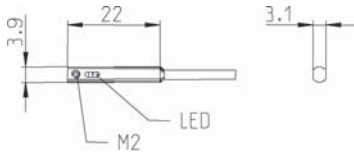
## Delivery Range

### Intelligent electronic magnetic sensors – two switching points, teachable

| Size              | Series | Material | Type of connection | Type of installation | Article number | Article designation |
|-------------------|--------|----------|--------------------|----------------------|----------------|---------------------|
| 22 x 3,9 x 3,1 mm | E22    | Plastic  | Cable              | C-slot – SMC         | 6370281109     | MEK-E22PS/HP-KL2    |
| 22 x 3,9 x 3,1 mm | E22    | Plastic  | M8 plug            | C-slot – SMC         | 6370281110     | MEK-E22PS/HP-KL0,3S |

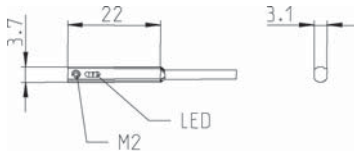


| Size              | Series | Material | Type of connection | Type of installation | Article number | Article designation    |
|-------------------|--------|----------|--------------------|----------------------|----------------|------------------------|
| 22 x 3,9 x 3,1 mm | E22    | Plastic  | Cable              | C-slot – SMC         | 6370281152*    | MEK-E22PS/HP-KL2-EX    |
| 22 x 3,9 x 3,1 mm | E22    | Plastic  | M8 plug            | C-slot – SMC         | 6370281153*    | MEK-E22PS/HP-KL0,3S-EX |



\* Version with Ex approval  
KEMA 08ATEX0130 X  
II 2 G Ex mb II T6  
II 2 D Ex tD A21 IP 67 T 85 °C

| Size              | Series | Material | Type of connection | Type of installation | Article number | Article designation |
|-------------------|--------|----------|--------------------|----------------------|----------------|---------------------|
| 22 x 3,7 x 3,1 mm | E22    | Plastic  | Cable              | C-slot – Festo       | 6370281144     | MEK-E22PS/HP-KL2    |
| 22 x 3,7 x 3,1 mm | E22    | Plastic  | M8 plug            | C-slot – Festo       | 6370281145     | MEK-E22PS/HP-KL0,3S |



| Size            | Series | Material  | Type of connection | Type of installation | Article number | Article designation |
|-----------------|--------|-----------|--------------------|----------------------|----------------|---------------------|
| 25 x 6,5 x 5 mm | E30    | Aluminium | Cable              | T-slot               | 6370299136     | MEA-E30PS/HP-KL2    |
| 25 x 6,5 x 5 mm | E30    | Aluminium | M8 plug            | T-slot               | 6370299143     | MEA-E30PS/HP-KL0,3S |



#### Accessories

|   |          |            |                 |
|---|----------|------------|-----------------|
| Cable coupler (straight version, 2 m cable) | 4-pin M8 | 4139100837 | GDK-M08UA/W00-2 |
|---|----------|------------|-----------------|

#### All sensors come with the following accessories:

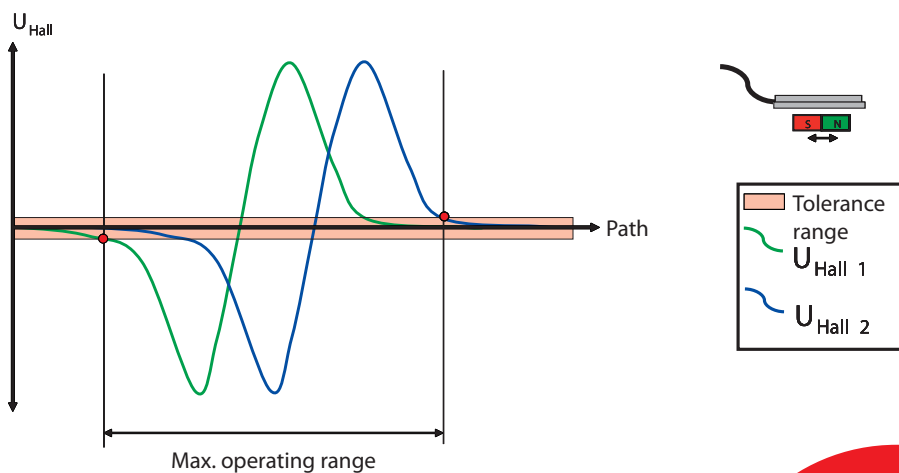
- 1 x setscrew M2x3 (E22), M3x6 (E30), DIN 913
- 1 x offset screwdriver (E22)
- 1 x teach-in tool
- 1 x operating and installation instructions

#### Other slot sensors:

Sensors with only one output can also be used for applications that require only one switching point. For these applications, BERNSTEIN AG offers Hall sensors with set sensitivity or reed contact versions that require no auxiliary energy (see "Delivery Range – Other Slot Sensors").

The illustration shows the maximum sensing range of both sensor elements over the traverse range of the magnet. A curve must be outside the tolerance range in order to achieve clear assignment of the switching points. The sensor immediately detects the moment at which both curves are within the tolerance range of low magnetic sensitivity due to the magnet and air gap constellation and signals a fault.

## Magnetic field parallel to sensor



**Other products  
in our complete range**

## Technical Data

- Magnetic sensitivity  $\pm 1.5 \text{ mT}$  to  $\pm 13.5 \text{ mT}$  / switching range up to 50 mm (depending on magnet / air gap)
- Repeatability  $\leq 0.1 \text{ mT}$
- Hysteresis  $1 \text{ mT} \leq H \leq 1.35 \text{ mT}$
- Operating voltage range UB 10-30 V DC
- PNP / make contact NO
- Output current  $I_e \leq 50 \text{ mA}$  (one output switched)  
 $\leq 25 \text{ mA}$  per output (both outputs switched)
- Ambient temperature  $-20 \text{ }^\circ\text{C}$  to  $+80 \text{ }^\circ\text{C}$
- Type of protection IP 67