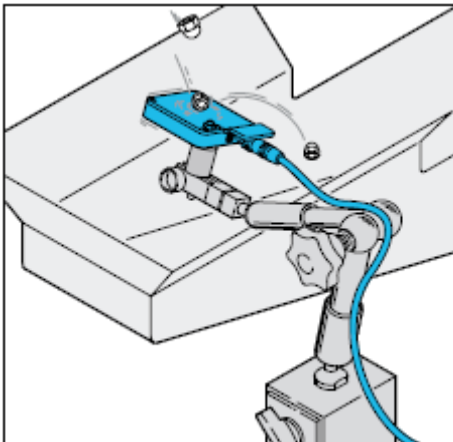
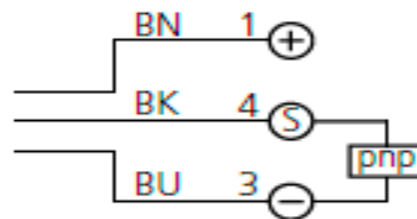


## Impact Sensor

- Detection of impact
- Up to 100 parts per second
- Proper function even under most extreme conditions, IP67 rated
- For metallic and non-metallic parts
- Adjustable suppression of multiple impulses
- Damper set available for low-vibration mounting
- Removeable baffle Plate



### Connection diagram



BN = Braun / brown  
BK = Schwarz / black  
BU = Blau / blue

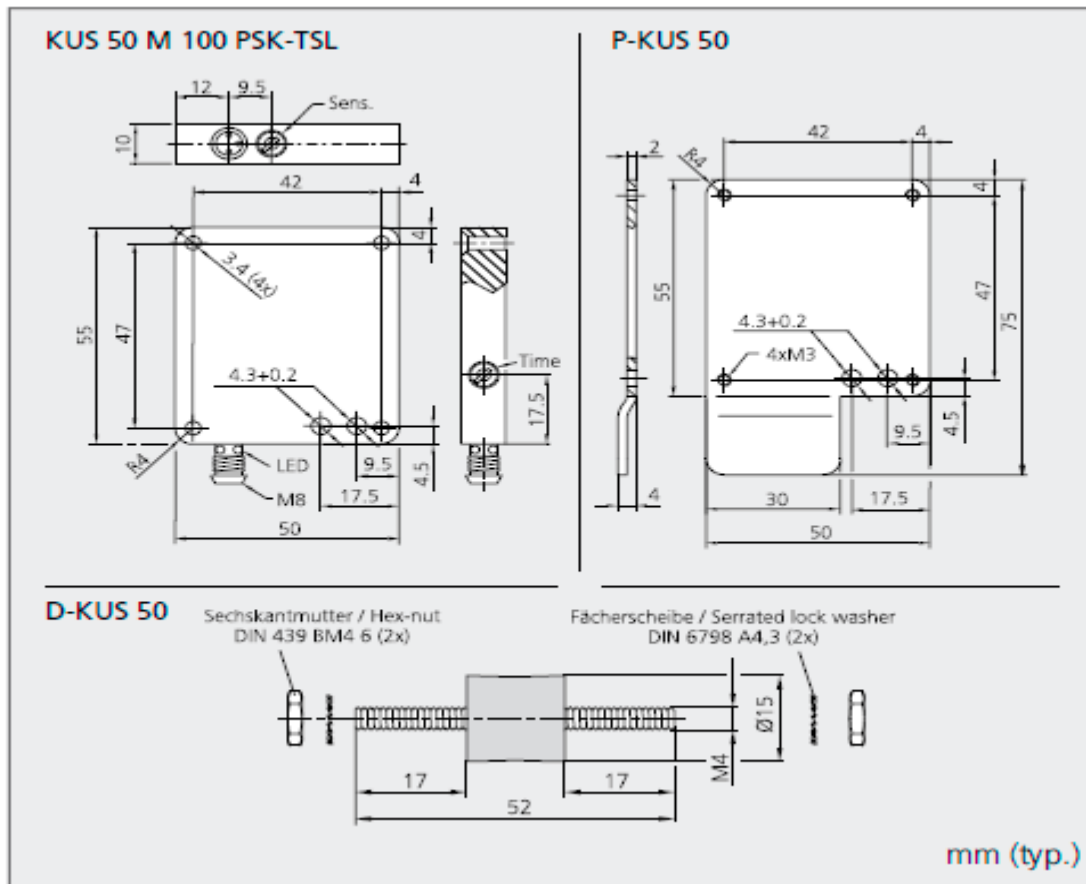
Counting of parts / Supervision of processes

CE approval

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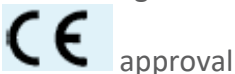


**Technical data (typ.) +20 °C, 24 V DC**

|                              |                                     |
|------------------------------|-------------------------------------|
| Service voltage:             | 10 ... 35 V DC, 24 VDC Nom. @ <15mA |
| Output:                      | Transistor PNP, 200 mA, N.O.        |
| Sensitivity:                 | Steel ball Ø 3 mm from 20 mm height |
| Pulse stretching adjustable: | 1 ... 30 ms                         |
| Operating frequency:         | < 100 Hz                            |
| Ambient temperature:         | -25 ... +70 °C                      |
| Protection class:            | IP 67                               |
| Material sensor casing:      | Aluminum                            |
| Material baffle plate:       | Heat treated Steel                  |

**Model Product-ID**

|                                |  |
|--------------------------------|--|
| Sensor including baffle plate: | <b>Pn: KUSP 50 M 100 PSK-TSL</b>           |
| Sensor Only:                   | <b>Pn: KUS 50 M 100 PSK-TSL</b>            |
| Baffle plate Only:             | <b>Pn: P-KUS 50</b> (initial tension 1 Nm) |
| Damper set for mounting:       | <b>Pn: D-KUS 50</b>                        |
| Magnetic Mount device:         | <b>Pn: MSH-300</b>                         |
| Connecting cable: M8, 3 Pin    |  |



**Safety instruction:** These instruments shall exclusively be used by qualified personnel. The instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

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