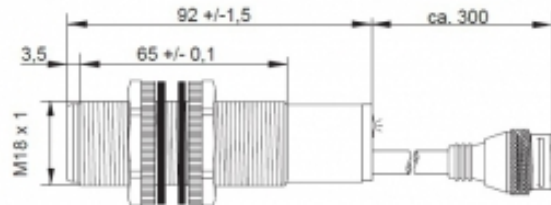


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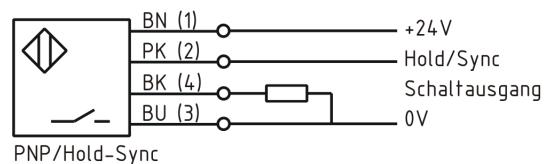
## Product Description

ultrasonic sensor



|                               |                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------|
| Name                          | KURT600-M18KB90-DPS-V2                                                                        |
| Order number                  | 08409843230                                                                                   |
| Matchcode                     | 9984-3230                                                                                     |
| art_schaltabstand_einstellbar | yes                                                                                           |
| Switch type                   |  N.O.      |
| Signal Type                   | DC PNP                                                                                        |
| Connection                    |  Connector |

## Connection diagramm



|                   |            |
|-------------------|------------|
| Dimension (in mm) | M18 x 95,5 |
|-------------------|------------|

## Technical Specification

|                       |                               |
|-----------------------|-------------------------------|
| Signal type           | Background suppression sensor |
| Operating voltage     | 18 - 30 VDC                   |
| Max. load current     | 500 mA                        |
| Switching frequency   | 20 Hz                         |
| Switching hysteresis  | 2 %                           |
| Operating temperature | -15 ° C to 70 ° C             |
| Repeat accuracy       | 0,2%/0,4mm                    |
| Switching state       | LED                           |
| Carrier frequency     | 300 kHz                       |
| Sound beam            | ca. 8°                        |

|                            |                                      |
|----------------------------|--------------------------------------|
| Measuring range            | 10-60 cm                             |
| Short-circuit proof        | yes                                  |
| Overload protection        | yes                                  |
| Reverse voltage protection | yes                                  |
| Protection category        | IP67                                 |
| EMC-level                  | DIN EN 60947-5-2:2008                |
| Housing material           | Plastic                              |
| Termination                | 0.3 m cable with Connector M12 4pole |
| Inhibit                    | Pink -> 0V                           |
| Synchronisation            | Pink -> Pin2                         |
| Enable                     | Pink not connected                   |

**Errors and omissions exceptet**