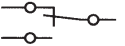
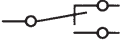


Inductive sensors

5 x 5 x 25  
8 x 8 x 40  
8 x 8 x 47  
12 x 12 x 55



| Rated operating distance                                                           |                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting                                                                           | flush  /non-flush  |
| Switching functions                                                                |                                                                                                                                                                                      |
|    | Model description                                                                                                                                                                    |
| Part number                                                                        |                                                                                                                                                                                      |
| Normally-open (NO)                                                                 | Wiring diagram (page/pos.)                                                                                                                                                           |
| Stock status: Ex stock/Built to order                                              |                                                                                                                                                                                      |
|    | Model description                                                                                                                                                                    |
| Part number                                                                        |                                                                                                                                                                                      |
| Normally-closed (NC)                                                               | Wiring diagram (page/pos.)                                                                                                                                                           |
| Stock status: Ex stock/Built to order                                              |                                                                                                                                                                                      |
|  | Model description                                                                                                                                                                    |
| Part number                                                                        |                                                                                                                                                                                      |
| Normally-closed/open (NC/NO) selectable                                            | Wiring diagram (page/pos.)                                                                                                                                                           |
| Stock status: Ex stock/Built to order                                              |                                                                                                                                                                                      |
|  | Model description                                                                                                                                                                    |
| Part number                                                                        |                                                                                                                                                                                      |
| Complementary                                                                      | Wiring diagram (page/pos.)                                                                                                                                                           |
| Stock status: Ex stock/Built to order                                              |                                                                                                                                                                                      |
| Electrical data                                                                    |                                                                                                                                                                                      |
| Voltage range                                                                      |                                                                                                                                                                                      |
| Output current                                                                     | min./max.                                                                                                                                                                            |
| Switching frequency                                                                | max.                                                                                                                                                                                 |
| Short-circuit protection                                                           |                                                                                                                                                                                      |
| LED: yellow = switched / green = power                                             |                                                                                                                                                                                      |
| Sensitivity adjustment                                                             |                                                                                                                                                                                      |
| Mechanical data                                                                    |                                                                                                                                                                                      |
| Temperature range                                                                  | min./max.                                                                                                                                                                            |
| Protection type                                                                    |                                                                                                                                                                                      |
| Housing material                                                                   |                                                                                                                                                                                      |
| Termination                                                                        | cable 2 m/6.5 ft mm²                                                                                                                                                                 |
|                                                                                    | plug (page)                                                                                                                                                                          |
| Accessories                                                                        | (page/Pos.)                                                                                                                                                                          |

5 x 5 x 25

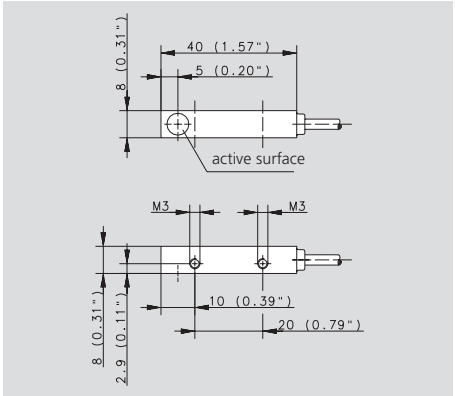
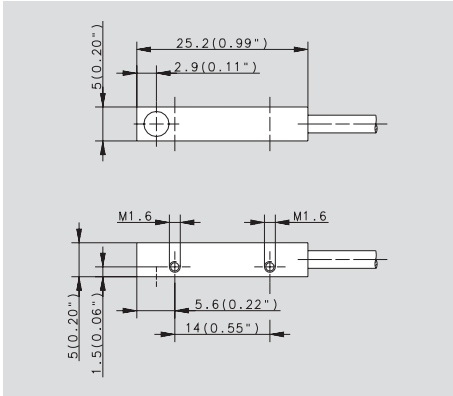
| 1 mm (0.04") |                                                        |    |
|--------------|--------------------------------------------------------|----|
|              | ●/-                                                    | -  |
| NPN          | PNP                                                    | AC |
| -            | KIB-Q05PS/<br>001-K2PU<br><b>650.2999.026</b><br>263/1 | -  |
|              | ●/-                                                    | -  |
| -            | KIB-Q05PÖ/<br>001-K2PU<br><b>650.2799.010</b><br>263/2 | -  |
|              | -/●                                                    | -  |
| -            | -                                                      | -  |
| -            | -                                                      | -  |
| -            | -                                                      | -  |

8 x 8 x 40

| 1.5 mm (0.06") |                                                      |                                                      |
|----------------|------------------------------------------------------|------------------------------------------------------|
|                | ●/-                                                  | ●/-                                                  |
|                | -                                                    | -                                                    |
| NPN            | PNP                                                  | AC                                                   |
| -              | KIB-Q08NS/<br>1.5-K2<br><b>650.2380.001</b><br>263/4 | KIB-Q08PS/<br>1.5-K2<br><b>650.2980.004</b><br>263/1 |
|                | -/●                                                  | ●/-                                                  |
| -              | -                                                    | KIB-Q08PÖ/<br>1.5-K2<br><b>650.2780.001</b><br>263/2 |
|                | -/●                                                  | -/●                                                  |
| -              | -                                                    | -                                                    |
| -              | -                                                    | -                                                    |
| -              | -                                                    | -                                                    |

Dimension diagrams

All dimensions in mm (inch)



**8 x 8 x 47****1.5 mm (0.06")**

|            |                                                         |           |
|------------|---------------------------------------------------------|-----------|
| –          | ●/–                                                     | –         |
| <b>NPN</b> | <b>PNP</b>                                              | <b>AC</b> |
| –          | KIB-Q08PS/<br>1.5-KLSM8<br><b>650.2980.002</b><br>263/1 | –         |
| –          | ●/–                                                     | –         |
| –          | KIB-Q08PÖ/<br>1.5-KLSM8<br><b>650.2780.002</b><br>263/2 | –         |
| –          | –/●                                                     | –         |

**12 x 12 x 55****4 mm (0.16")**

|            |                                                        |           |
|------------|--------------------------------------------------------|-----------|
| –          | ●/–                                                    | –         |
| <b>NPN</b> | <b>PNP</b>                                             | <b>AC</b> |
| –          | KIB-Q12PS/<br>004-KL2E<br><b>650.2999.028</b><br>263/1 | –         |
| –          | –/●                                                    | –         |
| –          | –                                                      | –         |
| –          | –                                                      | –         |

**extended sensing distance****12 x 12 x 55****4 mm (0.16")**

|                                                          |                                                          |           |
|----------------------------------------------------------|----------------------------------------------------------|-----------|
| ●/–                                                      | ●/–                                                      | –         |
| <b>NPN</b>                                               | <b>PNP</b>                                               | <b>AC</b> |
| KIB-Q12NS/<br>004-KLSM8E<br><b>650.2399.021</b><br>263/4 | KIB-Q12PS/<br>004-KLSM8E<br><b>650.2999.030</b><br>263/1 | –         |
| –/●                                                      | ●/–                                                      | –         |
| –                                                        | –                                                        | –         |
| –                                                        | –                                                        | –         |

**extended sensing distance**

|   |                |   |   |                |   |                |                |   |
|---|----------------|---|---|----------------|---|----------------|----------------|---|
| – | 10–36 V        | – | – | 10–60 V        | – | 10–36 V        | 10–36 V        | – |
| – | –/200 mA       | – | – | –/200 mA       | – | –/200 mA       | –/200 mA       | – |
| – | 1000 Hz        | – | – | 800 Hz         | – | 800 Hz         | 800 Hz         | – |
| – | ●              | – | – | ●              | – | ●              | ●              | – |
| – | ●/–            | – | – | ●/–            | – | ●/–            | ●/–            | – |
| – | –              | – | – | –              | – | –              | –              | – |
| – | –25 °C/+70 °C  | – | – | –25 °C/+70 °C  | – | –25 °C/+70 °C  | –25 °C/+70 °C  | – |
| – | –13 °F/+158 °F | – | – | –13 °F/+158 °F | – | –13 °F/+158 °F | –13 °F/+158 °F | – |
| – | IP 67/NEMA 4   | – | – | IP 67/NEMA 4   | – | IP 67/NEMA 4   | IP 67/NEMA 4   | – |
| – | CuZn39Pb3      | – | – | CuZn39Pb3      | – | CuZn39Pb3      | CuZn39Pb3      | – |
| – | –              | – | – | PVC 3x0.14     | – | –              | –              | – |
| – | 282/283        | – | – | –              | – | 282/283        | 282/283        | – |
| – | –              | – | – | –              | – | –              | –              | – |

