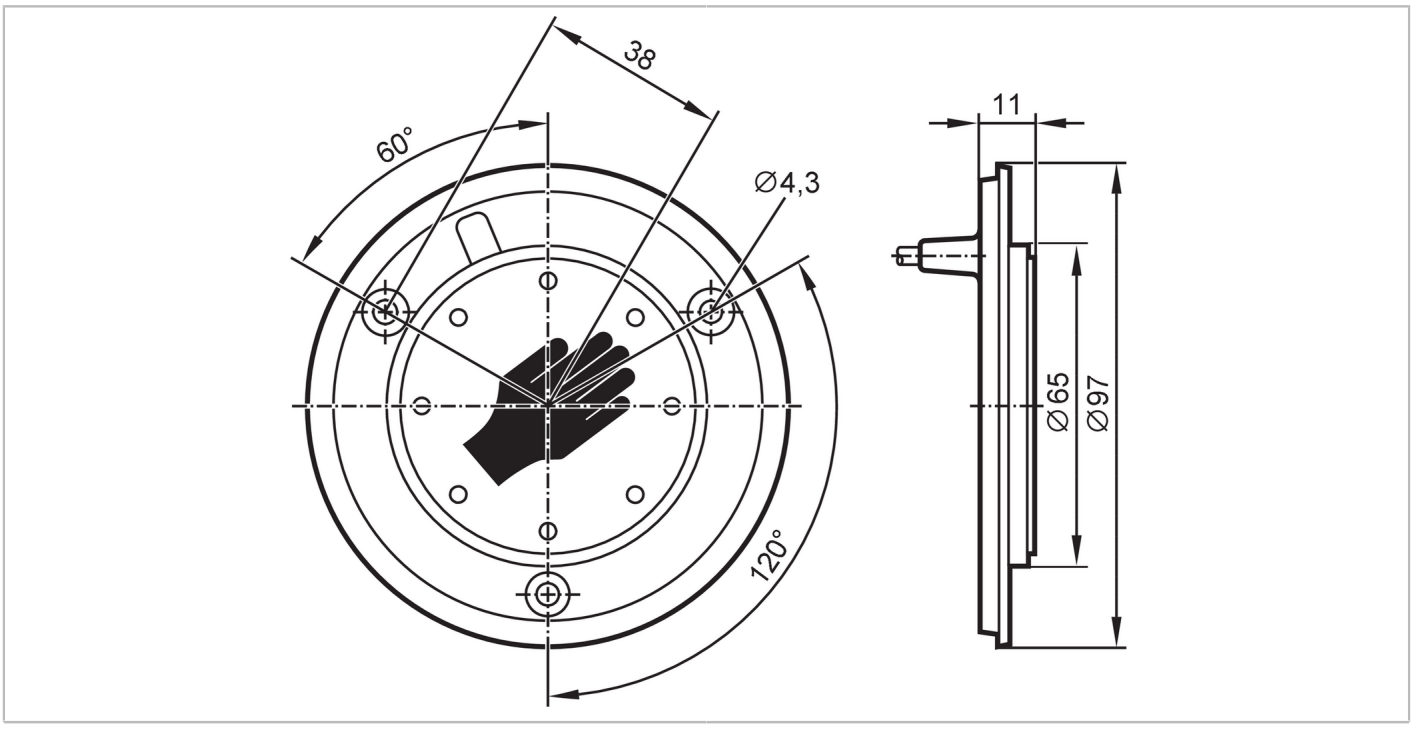
# KT5012

## Capacitive touch sensor

KTRSHOK-RBPKG/AM/2M




| | | |
|---|---|---|
| **Product characteristics** | | |
| Electrical design | | PNP |
| Output function | | normally open |
| Housing | | cylindrical |
| Dimensions | [mm] | Ø 96.9 / L = 11 |
| **Application** | | |
| Operating principle | | static |
| **Electrical data** | | |
| Operating voltage | [V] | 12...30 DC |
| Current consumption | [mA] | 30 |
| Protection class | | III |
| Reverse polarity protection | | yes |
| Max. power-on delay time | [ms] | 500 |
| **Outputs** | | |
| Electrical design | | PNP |
| Output function | | normally open |
| Permanent current rating of switching output DC | [mA] | 200 |
| Short-circuit protection | | yes |
| Overload protection | | yes |
| **Response times** | | |
| Response time | [ms] | 35 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -40...85 |

# KT5012

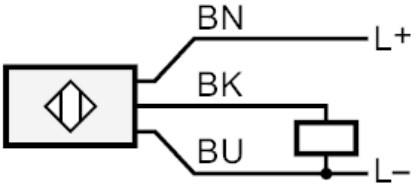
## Capacitive touch sensor

KTRSHOK-RBPKG/AM/2M

| | | | |
|---|---|---|---|
| Protection | | IP 67; IP 69K;  (on the front) | |
| **Tests / approvals** | | | |
| MTTF | [years] | 490 | |
| **Mechanical data** | | | |
| Weight | [g] | 141.5 | |
| Housing | | cylindrical | |
| Dimensions | [mm] | Ø 96.9 / L = 11 | |
| Materials | | active face: PA Grilamid TR 90UV transparent; housing: PC/ABS black | |
| **Displays / operating elements** | | | |
| Display | | switching status | 8 x LED, red |
| | | operation | 8 x LED, green |
| **Accessories** | | | |
| Accessories (optional) | | surround in different colours | |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |
| **Electrical connection** | | | |

Cable: 2 m, PUR

Connection




| | |
|---|---|
| | Core colours : |
| BK = | black |
| BN = | brown |
| BU = | blue |