

# KT5110



## Capacitive illuminated pushbutton

KTMSF-KGRBPKG/2M



### Product characteristics

|                   |               |
|-------------------|---------------|
| Electrical design | PNP           |
| Output function   | normally open |
| Dimensions [mm]   | Ø 29 / L = 31 |

### 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                             |
| Protection               | IP 65; IP 67; IP 69K; (on the front) |

### Tests / approvals

|     |             |
|-----|-------------|
| EMC | IEC 61000-4 |
|-----|-------------|

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|      |       |     |
|------|-------|-----|
| MTTF | [ANN] | 516 |
|------|-------|-----|

### Mechanical data

|            |                                                     |               |
|------------|-----------------------------------------------------|---------------|
| Weight     | [g]                                                 | 97.5          |
| Dimensions | [mm]                                                | Ø 29 / L = 31 |
| Materials  | PA 6.6-GF30 black; active face: PA Grilamid TR 90UV |               |

### Displays / operating elements

|         |                  |                                 |
|---------|------------------|---------------------------------|
| Display | switching status | 1 x LED, red                    |
|         | function         | 1 x LED, green can be triggered |

### Аксессуары

|                        |              |
|------------------------|--------------|
| Items supplied         | lock nuts: 1 |
|                        | Gasket: 1    |
| Accessories (optional) | symbol disc  |

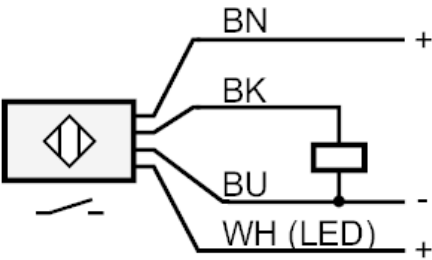
### Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Cable: 2 m, PUR

### Connection



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