

## OTH-CNKG



## Diffuse reflection sensor with background suppression

OTH-CNKG

|                                  |                          |                                                    |
|----------------------------------|--------------------------|----------------------------------------------------|
| Type of short-circuit protection | pulsed                   |                                                    |
| Overload protection              | yes                      |                                                    |
| Detection zone                   |                          |                                                    |
| Range                            | [mm]                     | 50...700; (white paper 200 x 200 mm 90% remission) |
| Range adjustable                 | yes                      |                                                    |
| Max. light spot diameter         | [mm]                     | 35                                                 |
| Light spot dimensions refer to   | at maximum range         |                                                    |
| Background suppression available | yes                      |                                                    |
| Operating conditions             |                          |                                                    |
| Ambient temperature              | [°C]                     | -40...60                                           |
| Protection                       | IP 67                    |                                                    |
| Tests / approvals                |                          |                                                    |
| EMC                              | EN 60947-5-2             |                                                    |
| Mechanical data                  |                          |                                                    |
| Housing                          | rectangular              |                                                    |
| Dimensions                       | [mm]                     | 75.5 x 17 x 33.5                                   |
| Materials                        | ABS                      |                                                    |
| Lens material                    | PMMA                     |                                                    |
| Displays / operating elements    |                          |                                                    |
| Display                          | switching status         | 1 x LED, yellow                                    |
|                                  | operation                | 1 x LED, green                                     |
| Accessories                      |                          |                                                    |
| Items supplied                   | Angle bracket: 1, E20441 |                                                    |
|                                  | screwdrivers             |                                                    |
| Remarks                          |                          |                                                    |
| Pack quantity                    | 1 pcs.                   |                                                    |



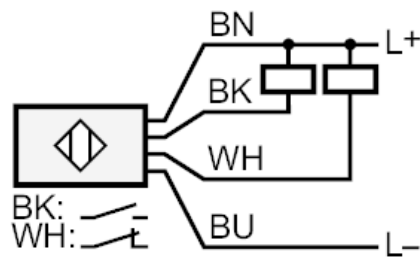
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### Electrical connection

Cable: 2 m, PVC; 4 x 0.34 mm<sup>2</sup>

### Connection



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