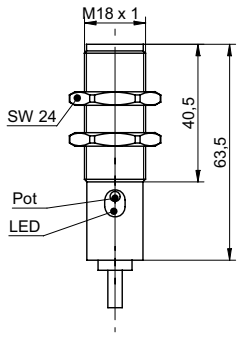
# Capacitive proximity sensors

# CFAK 18N3200

## dimension drawing




| general data | |
|---|---|
| nominal sensing distance Sn | 15 mm |
| nominal sensing distance Sn adjustable | 2 ... 15 mm |
| mounting type | non-flush |
| GND electrode | no |
| temperature drift | ± 15 % (+10 ... +70 °C) |
| sensitivity adjustment | potentiometer, 12 turn |
| output indicator | LED yellow |

| electrical data | |
|---|---|
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 20 mA |
| output circuit | NPN break function (NC) |
| output current | < 200 mA |
| voltage drop Vd | < 1,5 VDC |
| switching frequency | < 50 Hz |
| short circuit protection | yes |
| reverse polarity protection | yes |

| mechanical data | |
|---|---|
| type | cylindrical threaded |
| housing material | PBT |
| dimension | 18 mm |
| housing length | 63,5 mm |
| connection types | cable, 2 m |

| ambient conditions | |
|---|---|
| operating temperature | -25 ... +75 °C |
| protection class | IP 67/65 (sensing face/sensor) |

| field of application | |
|---|---|
| detection of non-conductive media | yes |
| fill level detection through container | yes |
| liquids in direct contact | yes |
| object detection / bulk goods | yes |

## photo



## connection diagram

