

## Capacitive sensor-compact

**Series KFC**  
**G1/2 thread**

**DC 18...33 V**

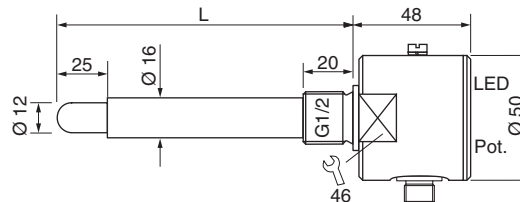
**Stainless steel housing**


**PTFE-sensor**

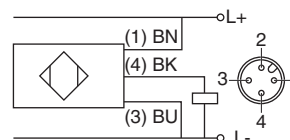
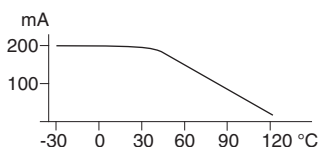


### Design DC PNP • G1/2

#### Dimensions



| Switching point sp [mm]    | -6  |                  |                  |                  |
|----------------------------|---|------------------|------------------|------------------|
| Switching output           |  |                  |                  |                  |
| ID-No.                     | P21161  | P21162           | P21163           | P21164           |
| Type-sensor length L       | KFC 050 GSP-L50   | KFC 050 GSP-L100 | KFC 050 GSP-L200 | KFC 050 GSP-L400 |
| Supply voltage [V]         | 18...33 DC  |                  |                  |                  |
| Switching current [mA]     | 200   |                  |                  |                  |
| Short circuit proof        | •   |                  |                  |                  |
| Overcurrent release [mA]   | 250   |                  |                  |                  |
| Reverse protection         | •   |                  |                  |                  |
| Voltage drop [V]           | 2   |                  |                  |                  |
| Minimum load current [mA]  | -   |                  |                  |                  |
| Current consumption [mA]   | 10  |                  |                  |                  |
| Switching frequency [Hz]   | 5   |                  |                  |                  |
| Ambient temperature [°C]   | housing: -25...+75 / sensor tip: -25...+120   |                  |                  |                  |
| EMC-class                  | A   |                  |                  |                  |
| Protection [EN 60529]      | IP 67   |                  |                  |                  |
| LED display                | •   |                  |                  |                  |
| Housing material           | AISI 316 Ti / PTFE  |                  |                  |                  |
| Sealing material           | FFKM (Kalrez)   |                  |                  |                  |
| Compressive strength [bar] | 16 (25 °C)  |                  |                  |                  |
| Connection                 | M12 connector   |                  |                  |                  |
| Switching current          |   |                  |                  |                  |



### Accessories connecting cable type SLG 3..., SLW 3..., see page 2.44