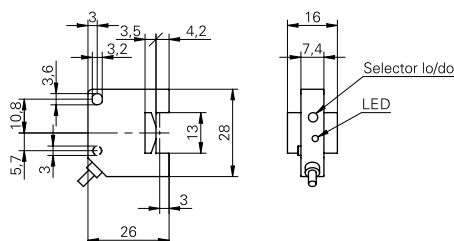


## Liquid level and leakage sensors

## FFDK 16P50Y0

## dimension drawing



## general data

type	liquid level sensor
light source	pulsed infrared diode
output indicator	LED red
sensitivity adjustment	no
wave length	950 nm
max. outer diameter of the pipe / tube	8 ... 13 mm
max. thickness of the pipe / tube	1 mm

## electrical data

response time / release time	< 2 ms
voltage supply range +Vs	9 ... 30,8 VDC
current consumption max.	25 mA
voltage drop Vd	< 1 VDC
output function	light / dark operate switchable
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

width / diameter	16 mm
height / length	28 mm
depth	26 mm
type	rectangular
housing material	PC
connection types	cable 3 pin, 2 m

## ambient conditions

operating temperature	-10 ... +55 °C
protection class	IP 50

## photo



## connection diagram

