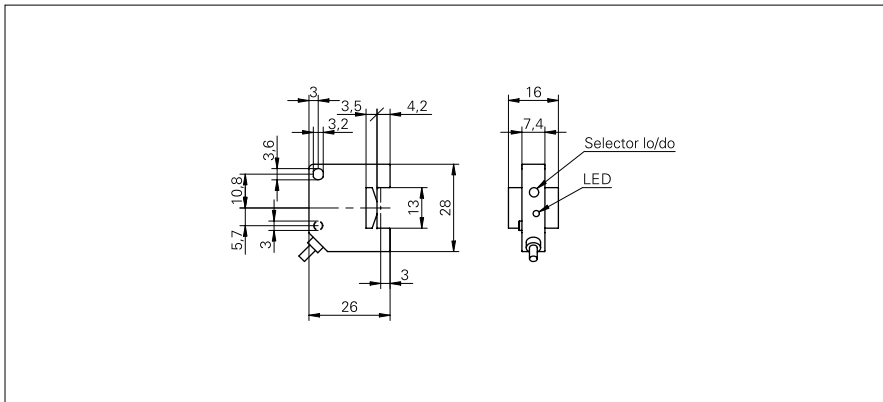


Liquid level and leakage sensors

FFDK 16

sample drawing



general data

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

electrical data

response time / release time	< 2 ms
current consumption max. (no load)	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

order reference	voltage supply range +Vs	max. outer diameter of the pipe / tube
FFDK 16P50Y0	9 ... 30,8 VDC	8 ... 13 mm
FFDK 16P50Y5	10 ... 30 VDC	3 ... 7 mm

sample picture

