GND electrode

temperature drift

output indicator

sensitivity adjustment

fill level detection through container

liquids in direct contact

object detection / bulk goods

Capacitive proximity sensors

CFAK 12N1140/L

dimensional durations	
dimension drawing	
	SW 17 M12 x 1 w 10,6
general data	
special type	liquid level sensor for wastewater
nominal sensing distance Sn	0,1 mm
mounting type	non-flush

no

no

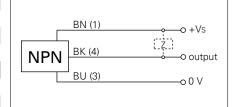
± 20 %

LED yellow

photo



connection diagram



c(VL)us

CE



- for installation in grounded metal container
- for use in contaminated media like blackwater
- switches in contact with highly conductive media

	/
measurement type	contact with medium
electrical data	
voltage supply range +Vs	10 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN make function (NO)
output current	< 200 mA
voltage drop Vd	< 2,5 VDC
switching frequency	< 15 Hz
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
type	cylindrical threaded
housing material	POM
material (screw nut)	POM
material (gasket)	EPDM50
dimension	12 mm
housing length	39,5 mm
connection types	cable, 2 m
ambient conditions	
operating temperature	0 +50 °C
protection class	IP 67
field of application	
detection of non-conductive media	no

no

yes

no