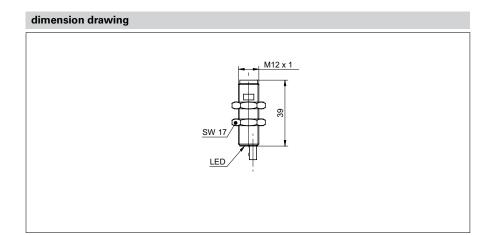
## **Capacitive proximity sensors**

## **CFAK 12N1103**



general data	
nominal sensing distance Sn	0,5 mm
mounting type	non-flush
GND electrode	no
temperature drift	± 20 %
sensitivity adjustment	no
output indicator	LED yellow
measurement type	contact with medium

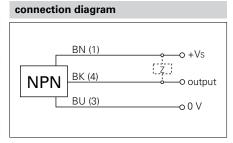
electrical data	
voltage supply range +Vs	10 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN make function (NO)
output current	< 200 mA
voltage drop Vd	< 2,5 VDC
switching frequency	< 15 Hz
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
type	cylindrical threaded
housing material	PBT
dimension	12 mm
housing length	39 mm
connection types	cable, 2 m

ambient conditions	
operating temperature	0 +70 °C
protection class	IP 67

field of application	
detection of non-conductive media	no
fill level detection through container	no
liquids in direct contact	yes
object detection / bulk goods	no











• Other housing materials are available on request