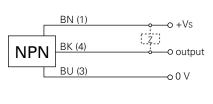
Capacitive proximity sensors

CFAK 12N1103

dimension drawing		
<u>SW 17</u> LED		
general data		photo
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	connect
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	• Other ł
connection types	cable, 2 m	reques
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	



connection diagram



• Other housing materials are available on request